Postgraduate Certificate
Blockchain for Video Games

tech technological university

Postgraduate Certificate
Blockchain for Video Games

- » Modality: **online**
- » Duration: **6 weeks**
- » Certificate: **TECH Technological University**
- » Dedication: **16h/week**
- » Schedule: **at your own pace**
- » Exams: **online**
- » Target Group: **University Graduates, Graduates and Undergraduates who have previously completed any of the programs in the fields of Social and Legal Sciences, Administrative and Business Sciences.**

Website: **www.techtitute.com/us/school-of-business/postgraduate-certificate/blockchain-video-games**

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01
Welcome

Today, Blockchain technology has revolutionized the video game industry, allowing gamers to have greater control and ownership over their gaming assets, as well as creating safer, fairer and more transparent environments. As a result, more and more companies in the sector require excellent specialists in this field to extract the maximum performance from their titles and achieve user acceptance. Consequently, TECH has designed this program, which will increase the student's skills in this area and will allow him to delve into the management of Smart Contracts or wallets. In a 100% online way and from your own home, you willbe prepared to take on the challenges that this area presents.

Postgraduate Certificate in Blockchain for Videogames.
TECH Technological University

Increase your managerial skills in the field of Blockchain for Video Games and prepare yourself to take on relevant positions in prestigious companies in the industry through this program"

02
Why Study at TECH?

TECH is the world's largest 100% online business school. It is an elite business school, with a model based on the highest academic standards. A world-class center for intensive managerial skills education.

TECH is a university at the forefront of technology, and puts all its resources at the student's disposal to help them achieve entrepreneurial success"

At TECH Technological University

Innovation

The university offers an online learning model that balances the latest educational technology with the most rigorous teaching methods. A unique method with the highest international recognition that will provide students with the keys to develop in a rapidly-evolving world, where innovation must be every entrepreneur's focus.

"Microsoft Europe Success Story", for integrating the innovative, interactive multi-video system.

The Highest Standards

Admissions criteria at TECH are not economic. Students don't need to make a large investment to study at this university. However, in order to obtain a qualification from TECH, the student's intelligence and ability will be tested to their limits. The institution's academic standards are exceptionally high...

95% of TECH students successfully complete their studies

Networking

Professionals from countries all over the world attend TECH, allowing students to establish a large network of contacts that may prove useful to them in the future.

+100000 executives prepared each year

+200 different nationalities

Empowerment

Students will grow hand in hand with the best companies and highly regarded and influential professionals. TECH has developed strategic partnerships and a valuable network of contacts with major economic players in 7 continents.

+500 collaborative agreements with leading companies

Talent

This program is a unique initiative to allow students to showcase their talent in the business world. An opportunity that will allow them to voice their concerns and share their business vision.

After completing this program, TECH helps students show the world their talent.

Multicultural Context

While studying at TECH, students will enjoy a unique experience. Study in a multicultural context. In a program with a global vision, through which students can learn about the operating methods in different parts of the world, and gather the latest information that best adapts to their business idea.

TECH students represent more than 200 different nationalities.

TECH strives for excellence and, to this end, boasts a series of characteristics that make this university unique:

Learn with the best

In the classroom, TECH's teaching staff discuss how they have achieved success in their companies, working in a real, lively, and dynamic context. Teachers who are fully committed to offering a quality specialization that will allow students to advance in their career and stand out in the business world.

Teachers representing 20 different nationalities.

At TECH, you will have access to the most rigorous and up-to-date case analyses in academia"

Analysis

TECH explores the student's critical side, their ability to question things, their problem-solving skills, as well as their interpersonal skills.

Academic Excellence

TECH offers students the best online learning methodology. The university combines the *Relearning* methodology (the most internationally recognized postgraduate learning methodology) with Harvard Business School case studies. A complex balance of traditional and state-of-the-art methods, within the most demanding academic framework.

Economy of Scale

TECH is the world's largest online university. It currently boasts a portfolio of more than 10,000 university postgraduate programs. And in today's new economy, **volume + technology = a ground-breaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.

03

Why Our Program?

Studying this TECH program means increasing the chances of achieving professional success in senior business management.

It is a challenge that demands effort and dedication, but it opens the door to a promising future. Students will learn from the best teaching staff and with the most flexible and innovative educational methodology.

"We have highly qualified teachers and the most complete syllabus on the market, which allows us to offer you education of the highest academic level"

This program will provide you with a multitude of professional and personal advantages, among which we highlight the following:

01 A Strong Boost to Your Career

By studying at TECH, students will be able to take control of their future and develop their full potential. By completing this program, students will acquire the skills required to make a positive change in their career in a short period of time.

70% of students achieve positive career development in less than 2 years.

02 Develop a strategic and global vision of the company

TECH offers an in-depth overview of general management to understand how each decision affects each of the company's different functional fields.

Our global vision of companies will improve your strategic vision.

03 Consolidate the student's senior management skills

Studying at TECH means opening the doors to a wide range of professional opportunities for students to position themselves as senior executives, with a broad vision of the international environment.

You will work on more than 100 real senior management cases.

04 You will take on new responsibilities

The program will cover the latest trends, advances and strategies, so that students can carry out their professional work in a changing environment.

45% of graduates are promoted internally.

05

Access to a powerful network of contacts

TECH connects its students to maximize opportunities. Students with the same concerns and desire to grow. Therefore, partnerships, customers or suppliers can be shared.

You will find a network of contacts that will be instrumental for professional development.

06

Thoroughly develop business projects

Students will acquire a deep strategic vision that will help them develop their own project, taking into account the different fields in companies.

20% of our students develop their own business idea.

07

Improve *soft skills* and management skills

TECH helps students apply and develop the knowledge they have acquired, while improving their interpersonal skills in order to become leaders who make a difference.

Improve your communication and leadership skills and enhance your career.

08

You will be part of an exclusive community

Students will be part of a community of elite executives, large companies, renowned institutions, and qualified teachers from the most prestigious universities in the world: the TECH Technological University community.

We give you the opportunity to study with a team of world-renowned teachers.

Objectives

This Postgraduate Certificate offers students the opportunity to acquire specialized skills and knowledge in the implementation of Blockchain technology in the video game industry. Through this program, they will be able to manage smart contracts or design Blockchain based game economies and apply this knowledge in the development of video game projects. In this way, students will be prepared to face with solvency the current and future challenges of this sector.

Be able to apply innovative and Blockchain-based solutions in the video game industry thanks to this Postgraduate Certificate"

TECH makes the goals of their students their own goals too.
Working together to achieve them.

The Postgraduate Certificate in Blockchain for Video Games will enable students to:

01 Identify systematically and in the depth of its parts the functioning of Blockchain technology, developing how its advantages and disadvantages are linked to the way its architecture functions

02 Contrast aspects of Blockchain with conventional technologies used in the various applications to which Blockchain technology has been taken

03 Analyze the main features of decentralized finance in the Blockchain economy context

04 Understand the link between NFTs and Blockchain and examine strategies to generate and extract value from non-fungible Tokens

05 Identify the components of Blockchain Technology

06 Determine the advantages of Blockchain in entrepreneurship projects

05

Structure and Content

The Postgraduate Certificate in Blockchain for Video Games consists of 1 module that will delve into the implementation of smart contracts and protocols to develop titles based on this technology. The teaching is done in 100% online format and has the Relearning methodology, which adapts to the pace and needs of each student. At the end of the program, students will be able to apply the knowledge acquired in cutting-edge business projects.

Discover how public and private blockchains can be applied to the world of video games to improve user experience and ensure transaction integrity"

Syllabus

The Postgraduate Certificate of TECH Technological University in Blockchain for Video Games aims to prepare students to face challenges and make business decisions in the entertainment sector. The content of the program is focused on the development of managerial skills that enable rigorous decision making in uncertain environments.

During the 150 hours of study, students work in teams and individually analyze a multitude of case studies, providing them with a real immersion in real business situations. This practical approach allows students to develop concrete skills and knowledge for the implementation of Blockchain technologies in video game development.

The Postgraduate Certificate delves into the world of Blockchain, digging deeper into the different types of technologies, the different networks, the role of Smart Contracts and wallet management. Therefore, it is designed to train professionals who understand management of video game companies from a strategic, international and innovative perspective.

Ultimately, the intensive Blockchain for Video Games program is a plan focused on professional improvement, which also prepares students to achieve excellence in the field of leadership and business management. The innovative content, based on the latest trends and supported by the best educational methodology and an exceptional faculty, gives students skills to solve critical situations in a creative and efficient way.

This Postgraduate Certificate takes place over 6 weeks and it consists of 1 module:

| Module 1 | Blockchain |

Where, When and How is it Taught?

TECH Technological University offers the possibility of developing this Postgraduate Certificate in Metaverse in a complete online way. Throughout the 6 weeks, the students will be able to access all the contents of this program at any time, which will allow the students to distribute their study time.

A unique educational experience, key and decisive to boost your professional development and make the definitive leap.

Module 1. Blockchain

1.1. Blockchain
1.1.1. Blockchain
1.1.2. The New Blockchain Economy
1.1.3. Decentralization as the Foundation of the Blockchain Economy

1.2. Blockchain Technology
1.2.1. Bitcoin Blockchain
1.2.2. Validation Process, Computational Power
1.2.3. Hash

1.3. Types of Blockchain
1.3.1. Public Chain
1.3.2. Private Chain
1.3.3. Hybrid or Federated Chain

1.4. Types of Networks
1.4.1. Centralized Network
1.4.2. Distributed Network
1.4.3. Decentralized Network

1.5. *Smart Contracts*
1.5.1. Smart Contracts
1.5.2. Process of Generating a Smart Contract
1.5.3. Examples and Applications of Smart Contract

1.6. *Wallets*
1.6.1. Wallets
1.6.2. Usefulness and Importance of a Wallet
1.6.3. Hot & Cold Wallet

1.7. Blockchain Economy
1.7.1. Advantages of Blockchain Economy
1.7.2. Risk Level
1.7.3. Gas Fee

1.8. Security/Safety
1.8.1. Revolution in Security Systems
1.8.2. Absolute Transparency
1.8.3. Attacks to the Blockchain

1.9. Tokenization
1.9.1. Tokens
1.9.2. Tokenization
1.9.3. Tokenized Models

1.10. Legal Aspects
1.10.1. How Architecture Affects Regulatory Capacity
1.10.2. Jurisprudence
1.10.3. Current Legislation on Blockchain

"
Enjoy the most updated didactic contents of the pedagogical panorama in Blockchain for Video Games"

Methodology

This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning.**
This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.

Discover Relearning, a system that abandons conventional linear learning, to take you through cyclical teaching systems: a way of learning that has proven to be extremely effective, especially in subjects that require memorization"

TECH Business School uses the Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.

At TECH, you will experience a learning methodology that is shaking the foundations of traditional universities around the world"

This program prepares you to face business challenges in uncertain environments and achieve business success.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch to present executives with challenges and business decisions at the highest level, whether at the national or international level. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and business reality is taken into account.

"

You will learn, through collaborative activities and real cases, how to solve complex situations in real business environments"

The case method has been the most widely used learning system among the world's leading business schools for as long as they have existed. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They must integrate all their knowledge, research, argue and defend their ideas and decisions.

Our program prepares you to face new challenges in uncertain environments and achieve success in your career.

Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

Our online system will allow you to organize your time and learning pace, adapting it to your schedule. You will be able to access the contents from any device with an internet connection.

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our online business school is the only one in the world licensed to incorporate this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.

01 learning from evidence

02 relearning from evidence

03 testing

04 learning from an expert

05 neurocognitive context dependent learning

06 Von-Restorff effect

07 case based learning through storytelling

08 competencies testing (retesting)

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically. With this methodology we have trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.

This program offers the best educational material, prepared with professionals in mind:

Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.

30%

Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.

Management Skills Exercises

They will carry out activities to develop specific executive competencies in each thematic area. Practices and dynamics to acquire and develop the skills and abilities that a high-level manager needs to develop in the context of the globalization we live in.

10%

8%

3%

Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.

30%

15%

4%
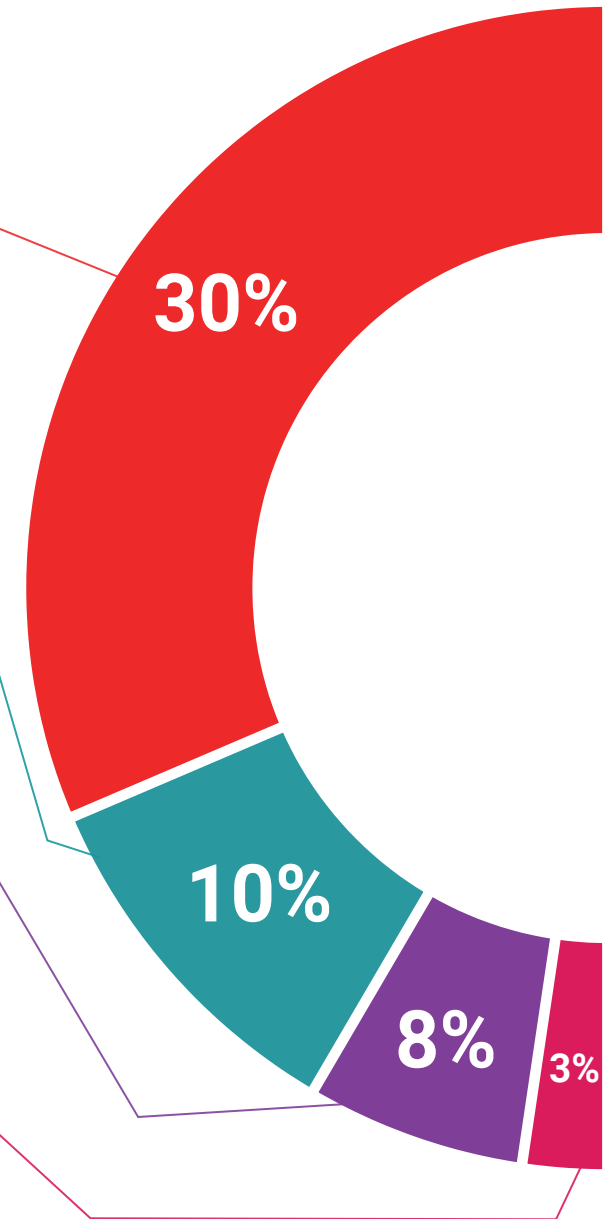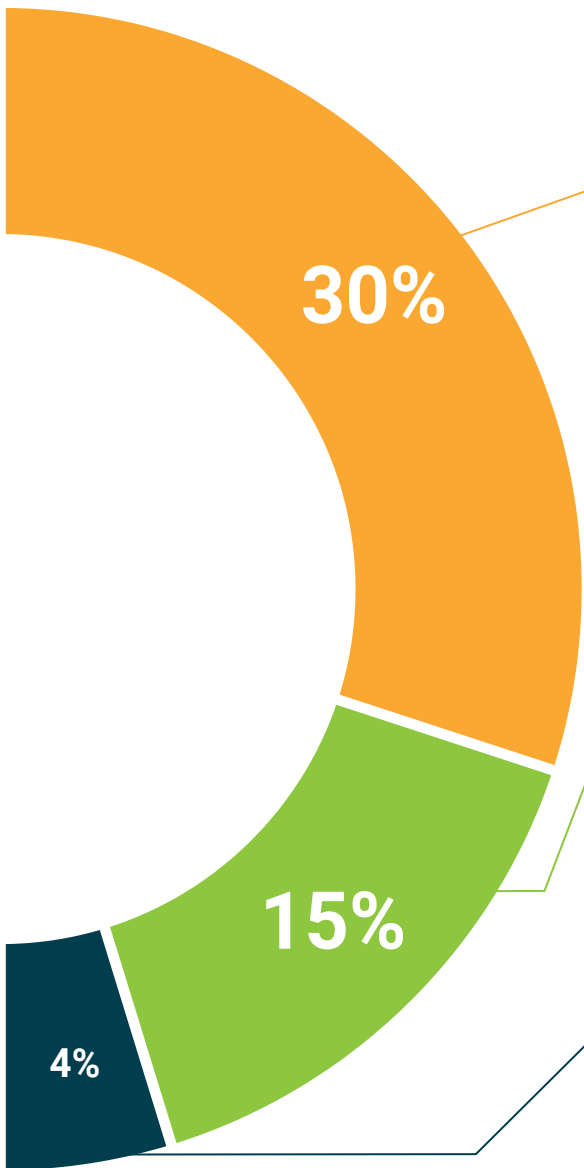
Case Studies

Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best senior management specialists in the world.

Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.

Our Students' Profiles

The Postgraduate Certificate is aimed at University graduates, graduates and undergraduates who have previously completed any of the following programs in the field of Social and Legal Sciences, Administration and Economics.

This program uses a multidisciplinary approach as the students have a diverse set of academic profiles and represent multiple nationalities.

The Postgraduate Certificate is also open to professionals who, being university graduates in any field, have two years of work experience in the corporate management field.
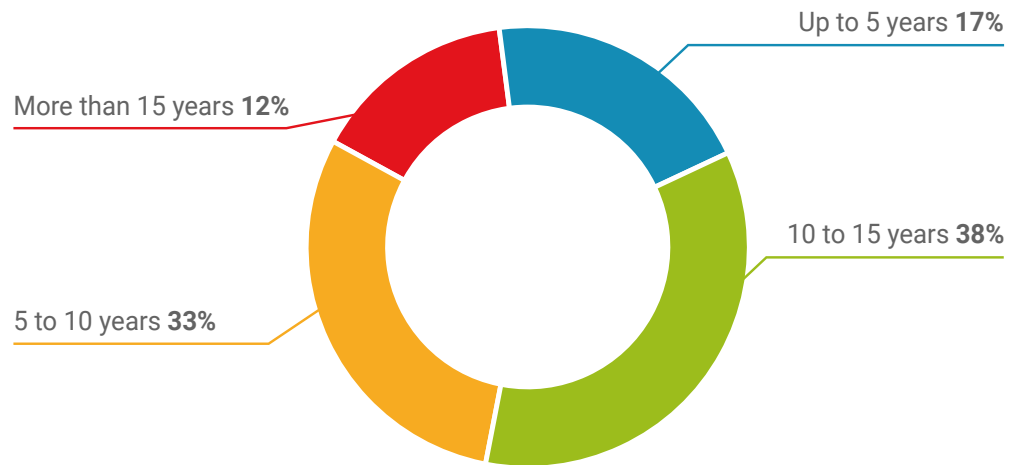
If you want to increase your career prospects while working, the Postgraduate Certificate in Blockchain for Video Games is for you"
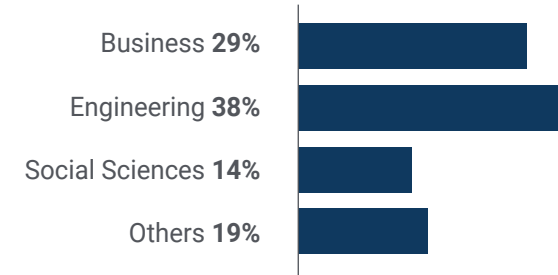
Average Age

Between **35** and **45** years old

Years of Experience

Up to 5 years **17%**

More than 15 years **12%**

10 to 15 years **38%**

5 to 10 years **33%**

Training

Business **29%**

Engineering **38%**

Social Sciences **14%**

Others **19%**

Educational Profile

Industry **36%**

Video Games **32%**

Entrepreneurs **17%**

Other **15%**
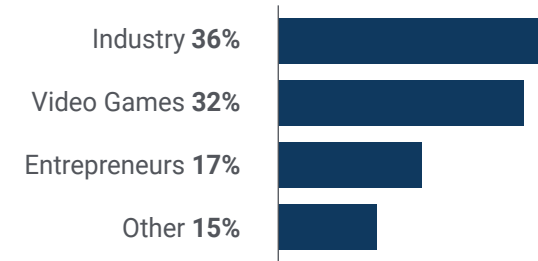
Geographical Distribution

USA **17%**

Spain **39%**

Mexico **27%**

Colombia **17%**
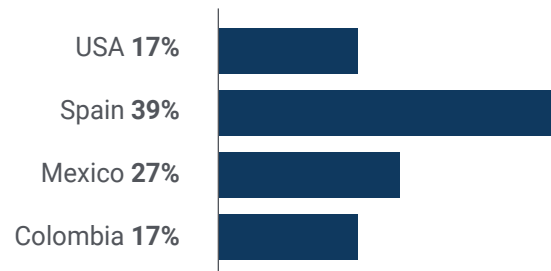
Ángel Díaz

CEO of a *video game* startup

"This program gave me the skills needed to implement Blockchain technologies in video game development. I now have a deep understanding of how this technology can improve the player experience and how I can create fairer and more transparent game systems"

08
Course Management

The teaching team of this program is composed of working professionals with extensive experience in the design of video games and in the implementation of economies based on Blockchain technology. Thanks to their professional background, students will have the opportunity to learn first-hand from experts who have worked on real projects and who know the needs of the current market.

"

The people responsible for teaching this program are experts in the field of Blockchain video game design, who will provide you with the best knowledge in this field"

Management

### Mr. Olmo Cuevas, Alejandro

- Game and Blockchain economies for video games designer
- Fundador de Seven Moons Studios Blockchain Gaming
- Founder of the Niide project
- Writer of fantastic narrative and poetic prose

Professors

Mr. Olmo Cuevas, Víctor
- Gaming economist
- Co-founder, game designer and game economist at Seven Moons Studios Blockchain Gaming
- Web designer and professional video game player
- Professional Online Poker Player and Teacher
- Graphic Designer at Arvato Services Bertelsmann
- Project Analyst and Investor at Crypto Play to Earn Gaming Scene
- Chemical laboratory technician
- Graphic Designer
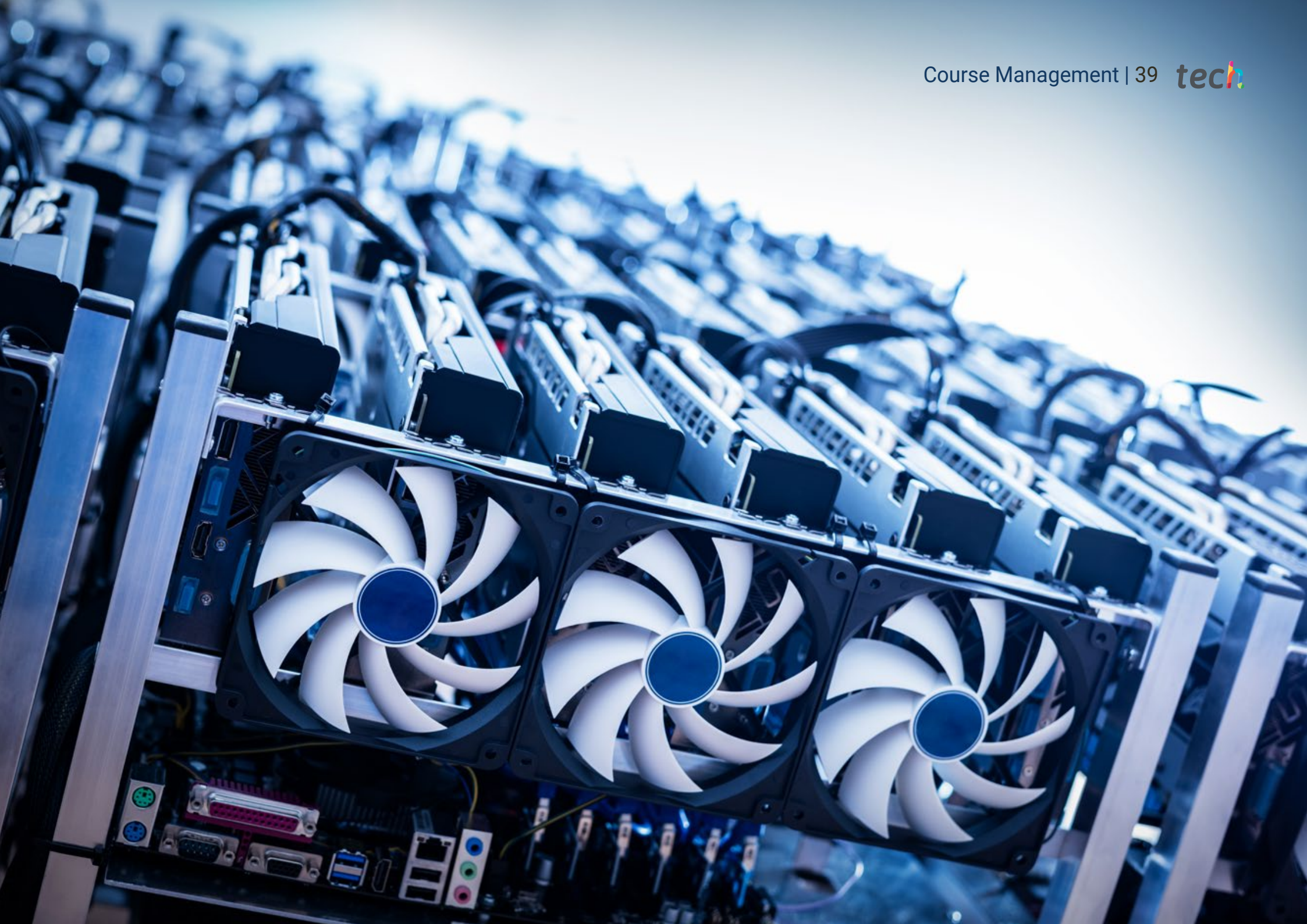
Impact on Your Career

Studying this program can have a great impact on the student's professional career, since this technology is revolutionizing the video game industry and its adoption is expected to continue to grow in the coming years. Therefore, specializing in this field is an excellent option to enjoy a first-class career with excellent future prospects.

" *TECH is your best ally to achieve professional success"*

Are you ready to take the leap?
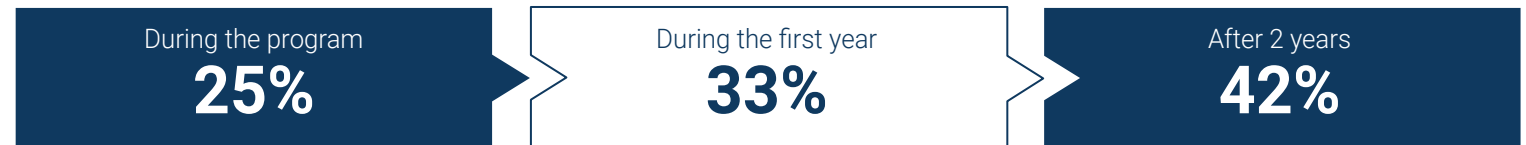## Excellent professional development awaits you

TECH's Postgraduate Certificate in Blockchain for Video Games is an intensive program that prepares you to face challenges and business decisions in the business environment. The main objective is to promote your personal and professional growth. Helping you achieve success.

If you want to improve yourself, make a positive change at a professional level, and network with the best, then this is the place for you.

Boost your chances of holding prestigious positions through this program.

Increase your salary prospects after completing this Postgraduate Certificate.

Time of Change

During the program	During the first year	After 2 years
25%	**33%**	**42%**

Type of change

Internal Promotion: **43%**

Change of Company: **32%**

Entrepreneurship: **25%**
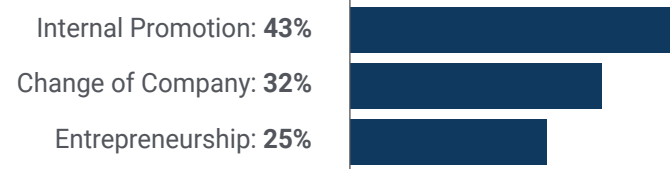
Salary increase

The completion of this program represents a salary increase of more than **25.3%** for our students.

Salary before	A salary increase of	Salary after
$53,000	**25.3%**	**$66,400**

10

Benefits for Your Company

The Postgraduate Certificate in Blockchain for Video Games contributes to elevate the organization's talent to its maximum potential through the instruction of high-level leaders.

Participating in this Postgraduate Certificate is a unique opportunity to access a powerful network of contacts in which to find future professional partners, customers or suppliers.

In the midst of Blockchain development, having the best specialists in this area is essential to optimize the development of video game companies"

Developing and retaining talent in companies is the best long-term investment.

01

Growth of talent and intellectual capital

The professional will introduce the company to new concepts, strategies, and perspectives that can bring about significant changes in the organization.

02

Retaining high-potential executives to avoid talent drain

This program strengthens the link between the company and the professional and opens new avenues for professional growth within the company.

03

Building agents of change

You will be able to make decisions in times of uncertainty and crisis, helping the organization overcome obstacles.

04

Increased international expansion possibilities

Thanks to this program, the company will come into contact with the main markets in the world economy.

05

Project Development

The professional can work on a real project or develop new projects in the field of R & D or business development of your company.

06

Increased competitiveness

This program will equip students with the skills to take on new challenges and drive the organization forward.

11
Certificate

The Postgraduate Certificate in Blockchain for Video Games guarantees, in addition to the most rigorous and up to date education, access to a Postgraduate Certificate issued by TECH Technological University.

Successfully complete this program and receive your university qualification without having to travel or fill out laborious paperwork"

This **Postgraduate Certificate in Blockchain for Video Games** contains the most complete and updated program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The diploma issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Certificate in Blockchain for Videogames**

Official Nº of Hours: **150 h.**

tech technological university

Awards the following

DIPLOMA

to

Mr./Ms. _____, with identification number _____.

For having passed and accredited the following program

POSTGRADUATE CERTIFICATE

in

Blockchain for Video Games

This is a qualification awarded by this University, equivalent to 150 hours, with a start date of dd/mm/yyyy and an end date of dd/mm/yyyy.

TECH is a Private Institution of Higher Education recognized by the Ministry of Public Education as of June 28, 2018.

June 17, 2020

Tere Guevara Navarro
Dean

Unique TECH Code: AFWORD23S   techtitute.com/certificates

*Apostille Convention. In the event that the student wishes to have their paper diploma issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.

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