Internship Program
Corporate Technical Data Science Management

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Introduction

Nowadays, due to the large flow of data on the Internet, businesses have decided to orient their business strategies based on the analysis and interpretation of these data. In this way, greater effectiveness is achieved in the definition of the target audience or in the adaptation of a product according to the real needs of the consumer. In this scenario, the role of Data Science becomes especially relevant, a profile highly demanded by companies, which also require experience in this area. Faced with this need, TECH provides a 100% practical program, where the professional will be able to expand their technical and analytical skills in a leading technology company, along with specialists in this area. With this, they will be able to take a step further in their career in a booming sector.

Incorporate into your daily practice the most sophisticated techniques for data collection and analysis with business acumen"

The large volume of existing information and data, largely due to the development of the Internet, is of incalculable value for today's companies, since its proper use can make or break their business strategy. Therefore, the process of extracting, cleaning, processing and visualizing data has become a specialty in which IT professionals have become very important.

Faced with this reality, large companies have incorporated in their workforces profiles highly qualified in Data Science. In this environment, not only the mastery of the main software and platforms is valued, but also the practical ability to perform in a demanding professional scenario. For this reason, TECH offers professionals an Internship Program, where they will be able to learn first-hand about the tools and methodologies used in this area during 3 weeks.

Therefore, during this period, the professional will carry out an eminently practical internship in a prestigious technology company. During this stage, they will not be alone, as they will be able to see how predictive and analytical models are carried out and how data is managed together with professionals from the company. With all this, the computer scientist will also obtain a real and direct vision of the coordination of technical teams in this specialty.

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Why Study an Internship Program?

Nowadays, postgraduate education must go a step further and give a real answer to the demands of professionals, who wish to acquire a much more direct and practical vision of their area of knowledge. For this reason, TECH offers a unique pedagogical experience, where it gives the opportunity to carry out an internship, which completes the theoretical knowledge that students already have, but wish to enhance.

In this way, this program allows the specialist to enter a prestigious technological company, where they can put into practice the latest methods and software used in Data Science. During 3 intensive weeks, you will be integrated into a specialized work team, where you will see firsthand both the existing data analytical tools, as well as how to interpret it and establish a business strategy. A unique academic opportunity that not only transforms traditional pedagogical systems, but also puts the professional at the center to offer him or her a highly useful learning experience adapted to their needs.

TECH offers you a unique opportunity to grow professionally through an Internship Program in a leading company in the Data Science sector"

1. Updating from the Latest Technology Available

Nowadays, for the development of Data Science functions, it is necessary for the professional to have technical and analytical knowledge. However, it is also essential to master the main existing platforms and tools to perform their work. Therefore, TECH offers with this Internship Program an environment where you will be able to work with the latest technology and equipment used in this specialty. In this way, the professional will get a real learning, which will allow him to grow in this field in the best technology companies.

2. Gaining In-depth Knowledge from the Experience of Top Specialists

During this practical period, the IT professional will be immersed in an excellent learning and working environment. They will have at their disposal a team of specialists who will accompany them throughout this process, which is a first-class endorsement and a guarantee that their knowledge will be kept up-to-date. In this way, thanks to the advice and accompaniment of this designated tutor, students will be able to support and contribute to the selection, extraction, analysis and interpretation of data. In addition, they will be able to see firsthand what team management and leadership is like in this area.

3. Entering first-class environments

TECH maintains a philosophy based on quality education within everyone's reach. That is why it carefully selects all the centers available for Internship Programs. Thanks to this method, the professional will have the guarantee of being able to develop his internship in a specialized space and with a team that will take them to know the latest technical and methodological advances in Data Science. In this way, they will be able to experience the day-to-day of a demanding and rigorous area of work, always applying the latest scientific postulates.

4. Putting the acquired knowledge into daily practice from the very first moment

The objective of this academic institution is to provide professionals with an internship, which allows them to update their knowledge in a 100% real scenario, as well as to enhance their skills and abilities for the technical management of specialized Data Science teams. A unique opportunity to broaden their skills and thus boost their professional career in a booming sector.

5. Expanding the Boundaries of Knowledge

TECH offers the possibility of carrying out this Internship Program in a prestigious company, with a team of highly qualified specialists. This will allow the professional to grow in their field through the best in the Data Science area. In this way, they will be able to fulfill their aspirations of personal and professional growth in a demanding, competitive and highly demanded sector. A unique opportunity that only this academic institution could offer.
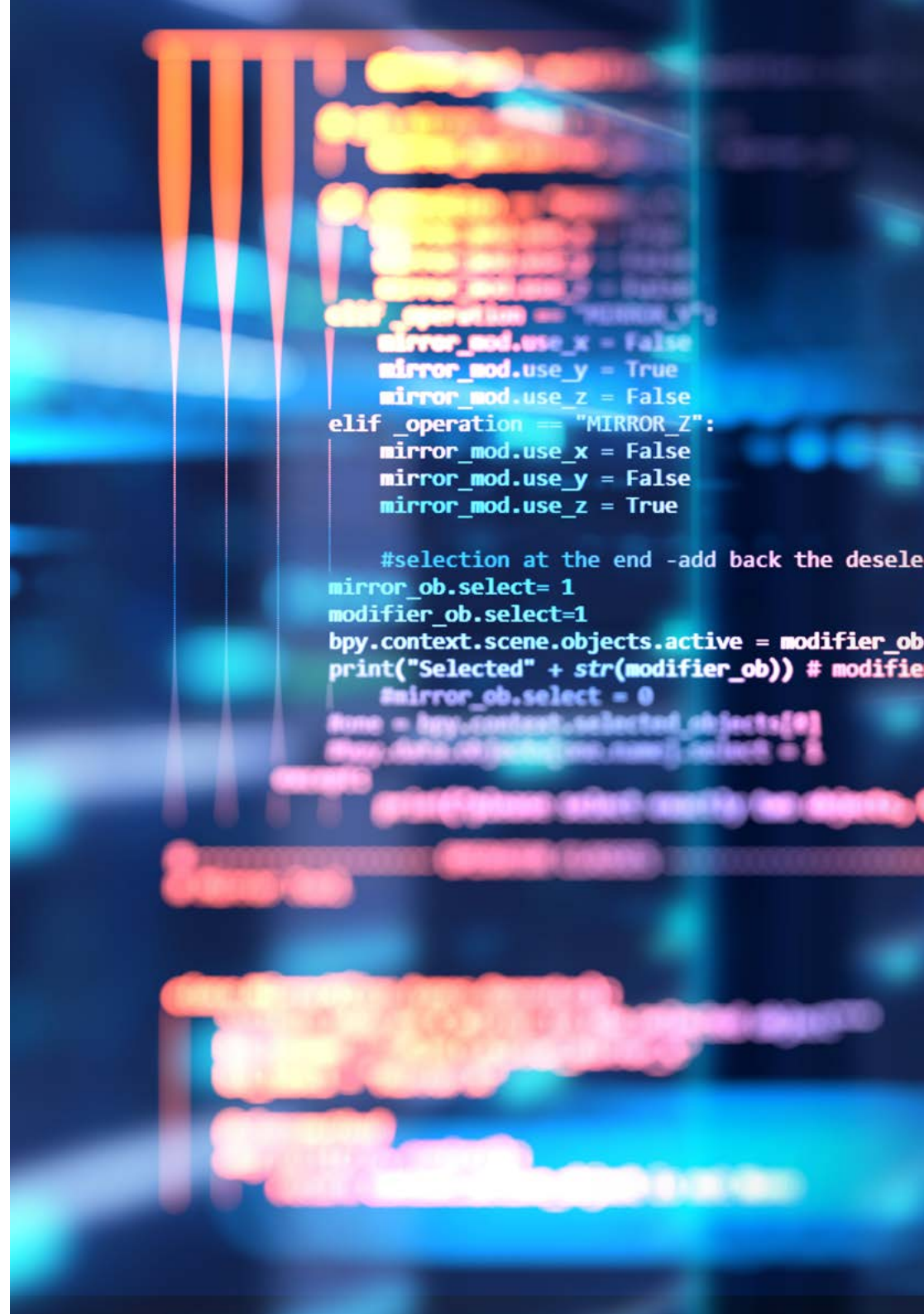
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Objectives

The main objective of this Internship Program is to provide students with all the necessary tools. In this way, they will be able to apply their theoretical knowledge about Data Science in a real working world. To this end, TECH offers companies that are leaders in the sector, where they can develop an internship that will allow them to grow professionally.

General Objectives

- Master the latest techniques and software used for the selection, extraction, analysis and interpretation of data
- Incorporate into daily work the most effective methods and data analysis, supported by a team of prestigious experts in the field of Data Science
- Learn how to process the data obtained from data mining by applying statistical approaches, analytical software, machinelearning and predictive models

Specific Objectives

- Learn about the main systems available for managing information
- Master the types and life cycles of data
- Perform a correct web analysis taking into account all the factors that influence this task
- Learn which are the most recurrent regulations for the management of these data
- Bring the professional closer to the scalable and reliable systems of massive data use
- Acquire skills for the administration of systems for distributed deployments
- Acquire knowledge for project management and Agile methodologies

Learn in a company that will give you a direct and current vision on Machine Learning and the creation of predictive models"
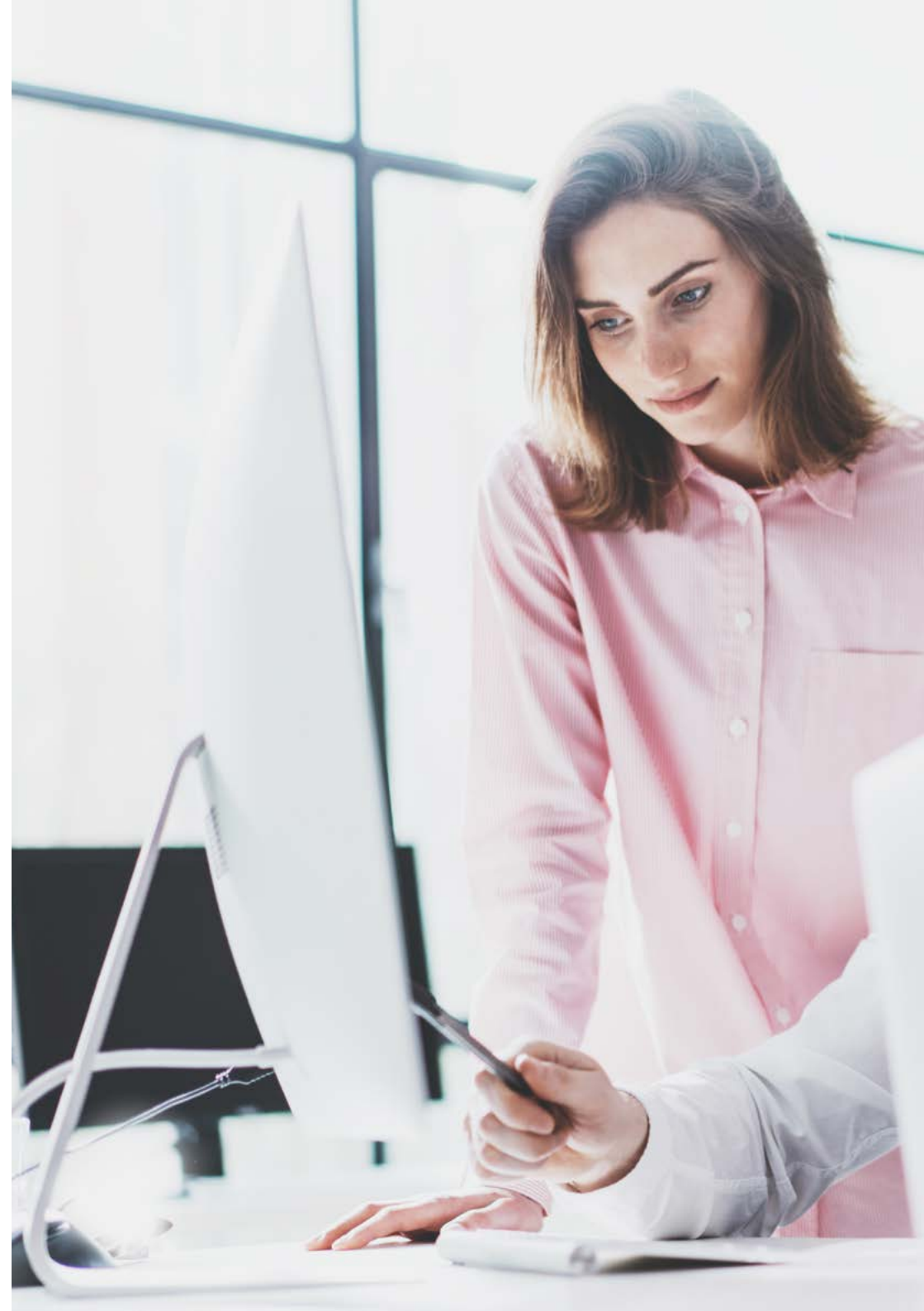
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Educational Plan

The Internship Program in Data Science Technical Management in the Company consists of an internship in a prestigious company. In this way, students will spend 3 weeks, from Monday to Friday, with 8 consecutive hours of practical learning with professionals from this company. They will be able to see the equipment, programs and platforms used by the best specialists for the selection, collection, extraction and analysis of data.

In this internship proposal, of a completely practical nature, the activities are aimed at developing and perfecting the skills necessary for the provision of data analysis services, which requires a high level of qualification, and which are oriented towards specific training for the exercise of the activity, in a demanding environment, which requires the utmost rigor.

TECH therefore offers an excellent opportunity to learn by working in a sector based on scientific rigor and technological innovation. In this way, in a real work scenario, the professional will be able to integrate the methods and techniques used today to continue progressing in an expanding sector.

Practical teaching will be carried out with the active participation of the student performing the activities and procedures of each area of competence (learning to learn and learning to do), with the support and guidance of professors and other training partners that facilitate teamwork and multidisciplinary integration as Date (learning to be and learning to relate).

The procedures described below will be the basis of the practical part of the training, and their implementation will be subject to the center's own availability and workload, the proposed activities being the following:

Module	Practical Activity
Selection and extraction data	Collaborate in the extraction of data from various sources to issue an analysis. (data volume can be Small Data, Medium Data, Big Data)
	Support in the realization of data cleaning (preparation of information that, if used, transformation of if used, transformation of categorical variables to numerical)
Development of analytical vision	Assisting in the construction of an analysis model
	Support in the creation of a method or development of tools for data processing
Presentation of data	Contribute to the representation of data in various forms to make it understandable (data visualization)
	Collaborate in the treatment of the data obtained from the extraction by applying statistical approaches, analytical software, machine learning and predictive models

Receive specialized education in an institution that can offer you all these possibilities, with an innovative academic program and a human team that will help you develop your full potential"

Where Can I Do the Internship Program?

The professional will find in this Internship Program outstanding companies in the Data Science area, integrated by a magnificent team of professionals with experience in the sector. This is a guarantee for students, who seek to update and acquire knowledge from the best in this specialty. In this way, they will be able to fulfill their aspirations of growth in a sector that is today the present and future of strategic data management.

Take your Internship Program in a company that has been carefully selected by TECH to offer you a current and real learning in Data Science and the technical management of this area"

The student will be able to do this program at the following centers:

Information Technology

Liverpool

Country	City
Mexico	Mexico City

Address: Mario Pani No. 200 Col. Santa Fe Cuajimalpa C.P 05348 Cuajimalpa CDMX

Entity specialized in digital marketing and commercial strategies

Related internship programs:
- MBA in Digital Marketing
- Social Media Management: Community Manager

You will learn firsthand the reality of work in the area, in a demanding and rewarding environment"

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General Conditions

Civil Liability Insurance

This institution's main concern is to guarantee the safety of the trainees and other collaborating agents involved in the internship process at the company. Among the measures dedicated to achieve this is the response to any incident that may occur during the entire teaching-learning process.

To this end, this entity commits to purchasing a civil liability insurance policy to cover any eventuality that may arise during the course of the internship at the center.

This liability policy for interns will have broad coverage and will be taken out prior to the start of the practical training period. That way professionals will not have to worry in case of having to face an unexpected situation and will be covered until the end of the internship program at the center.

General Conditions of the Internship Program

The general terms and conditions of the internship agreement for the program are as follows:

1. TUTOR: During the Internship Program, students will be assigned with two tutors who will accompany them throughout the process, answering any doubts and questions that may arise. On the one hand, there will be a professional tutor belonging to the internship center who will have the purpose of guiding and supporting the student at all times. On the other hand, they will also be assigned with an academic tutor, whose mission will be to coordinate and help the students during the whole process, solving doubts and facilitating everything they may need. In this way, the student will be accompanied and will be able to discuss any doubts that may arise, both clinical and academic.

2. DURATION: The internship program will have a duration of three continuous weeks, in 8-hour days, 5 days a week. The days of attendance and the schedule will be the responsibility of the center and the professional will be informed well in advance so that they can make the appropriate arrangements.

3. ABSENCE: If the students does not show up on the start date of the Internship Program, they will lose the right to it, without the possibility of reimbursement or change of dates. Absence for more than two days from the internship, without justification or a medical reason, will result in the professional's withdrawal from the internship, therefore, automatic termination of the internship. Any problems that may arise during the course of the internship must be urgently reported to the academic tutor.

4. CERTIFICATION: Professionals who pass the Internship Program will receive a certificate accrediting their stay at the center.

5. EMPLOYMENT RELATIONSHIP: The Internship Program shall not constitute an employment relationship of any kind.

6. PRIOR EDUCATION: Some centers may require a certificate of prior education for the Internship Program. In these cases, it will be necessary to submit it to the TECH internship department so that the assignment of the chosen center can be confirmed.

7. DOES NOT INCLUDE: The Internship Program will not include any element not described in the present conditions. Therefore, it does not include accommodation, transportation to the city where the internship takes place, visas or any other items not listed.

However, students may consult with their academic tutor for any questions or recommendations in this regard. The academic tutor will provide the student with all the necessary information to facilitate the procedures in any case.

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Certificate

This **Internship Program in Corporate Technical Data Science Management** contains the most complete and up-to-date program on the professional and academic scene.

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

The diploma issued by TECH will reflect the grade obtained in the test.

Title: **Internship Program in Corporate Technical Data Science Management**

Duration: **3 weeks**

Course Modality: **Monday to Friday, 8-hour consecutive shifts**

Total Hours: **120 h. of professional practice**

tech technological university

Awards the following

DIPLOMA

to

Mr./Ms. _____, with identification number _____.
For having successfully passed and accredited the following program

INTERNSHIP PROGRAM

in

Corporate Technical Data Science Management

This is a qualification awarded by this University, with a duration of 120 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

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