

# Internship Program

## Creation of Network Interfaces and Applications



tech



**Internship Program**  
Creation of Network Interfaces  
and Applications



# Index

01

Introduction

02

Why Study an Internship  
Program?

03

Objectives

04

Educational Plan

05

Where Can I Do the  
Internship Program?

p. 4

p. 6

p. 12

p. 8

p. 10

p. 16

06

General Conditions

07

Certificate

p. 14

p. 16

# 01

# Introduction

The creation of networked interfaces and applications has reached an unprecedented level of sophistication, driven by advances in technologies such as Artificial Intelligence and cloud computing. In addition, the proliferation of mobile devices and the ubiquity of online connectivity lead to the creation of adaptive and responsive interfaces that offer a seamless experience across devices and contexts. For this reason, TECH has created the present degree, in which in 3 weeks the professional will be integrated into a team versed in the Creation of Interfaces and Network Applications, to catch up on the latest developments and technologies available, thus being able to bring them to their own daily practice in a comprehensive and efficient way.

66

*You will incorporate into your daily practice the most relevant advances in the area of Creation of Network Interfaces and Applications thanks to a distinctive, unique and effective hands-on experience"*



With the exponential growth of digital connectivity and the proliferation of smart devices, designers and developers are facing increasingly complex challenges to create intuitive and efficient user experiences. As a result, the focus is increasingly on accessibility and inclusion, ensuring that interfaces and applications are accessible to all, regardless of their capabilities or limitations.

And as the best way to perfect these skills is through practice, TECH has designed a program consisting of a 120-hour internship in a leading IT company in the field of Creation of Interfaces and Network Applications. In this way, during 3 weeks, the graduate will become part of a team of specialists of the highest level, with whom they will work actively in the development of real projects of interfaces and web applications.

In this way, the computer scientist will not only learn the most effective procedures and the most up-to-date tools, but will also be able to implement cutting-edge technologies such as CSS and JavaScript in their practice. In this way, you will not only participate in a program that will elevate your talent to the highest level, but also considerably increase your chances in a constantly changing work environment.

During the stay, you will be supported by an assistant tutor, who will ensure that the requirements for which this Internship Program was designed are met. Therefore, the specialist will work with total guarantee and security in the handling of the most innovative and best performing computer technology to date. In this way, you will perfect your skills in visual design, interaction and user experience (UX/UI).

02

# Why Study an Internship Program?

TECH has designed a unique and disruptive academic product in the current pedagogical panorama, which will allow the professional to enter a real computer environment, where they will practice the latest procedures and handle the most current tools in the Creation of Interfaces and Network Applications. For 3 intensive weeks, the graduate will be integrated into a multidisciplinary work team, where they will see firsthand, both the latest findings in the area, as well as how to apply them to their own daily practice.

66

*The system proposed by TECH will put you at the center of the equation, offering you training with real utility and adapted to your needs"*

## 1. Updating from the Latest Technology Available

In the area of interface creation and networked applications, the integration of Artificial Intelligence and machine learning systems enables the development of more intuitive and adaptive interfaces, capable of anticipating user needs and dynamically personalizing the experience. In addition, cloud computing provides a scalable and flexible infrastructure for the development and deployment of web applications, allowing developers to create multiplatform and high-performance experiences that adapt to the demands of today's market.

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

The large team of professionals who will accompany the computer scientist throughout the entire practical period is a first-rate endorsement and a guarantee of unprecedented updating. With a specifically designated tutor, the graduate will be able to work on real projects in a state-of-the-art environment, which will allow them to incorporate into their daily practice the most effective procedures and tools for the Creation of Network Interfaces and Applications.

## 3. Entering First-Class Professional Environments

TECH carefully selects all the companies available for Internship Programs. Thanks to this, the specialist will have guaranteed access to a prestigious IT organization in the area of interface and web application development. In this way, they will be able to experience the day-to-day of a demanding, rigorous and exhaustive area of work, always applying the latest advances in their work methodology.

#### 4. Combining the Best Theory with State-of-the-Art Practice

The academic market is plagued by teaching programs that are poorly adapted to the daily work of the specialist and that require long teaching hours, often not very compatible with personal and professional life. For this reason, TECH offers a new learning model, 100% practical, that allows you to get in front of state-of-the-art procedures in the field of the Creation of Interfaces and Network Applications and, best of all, to put it into professional practice in only 3 weeks.

#### 5. Opening the Door to New Opportunities

With the advancement of technology and the growing demand for innovative digital experiences, computer scientists have the opportunity to explore and leverage emerging tools, such as Artificial Intelligence and cloud computing. In addition, globalization and the increasing interconnectedness of digital devices and platforms create a landscape conducive to international collaboration and professional networking, allowing experts in creating networked interfaces and applications to expand their reach and contribute to the development of innovative solutions on a global scale.

66

*You will have full practical immersion  
at the center of your choice"*

# 03 Objectives

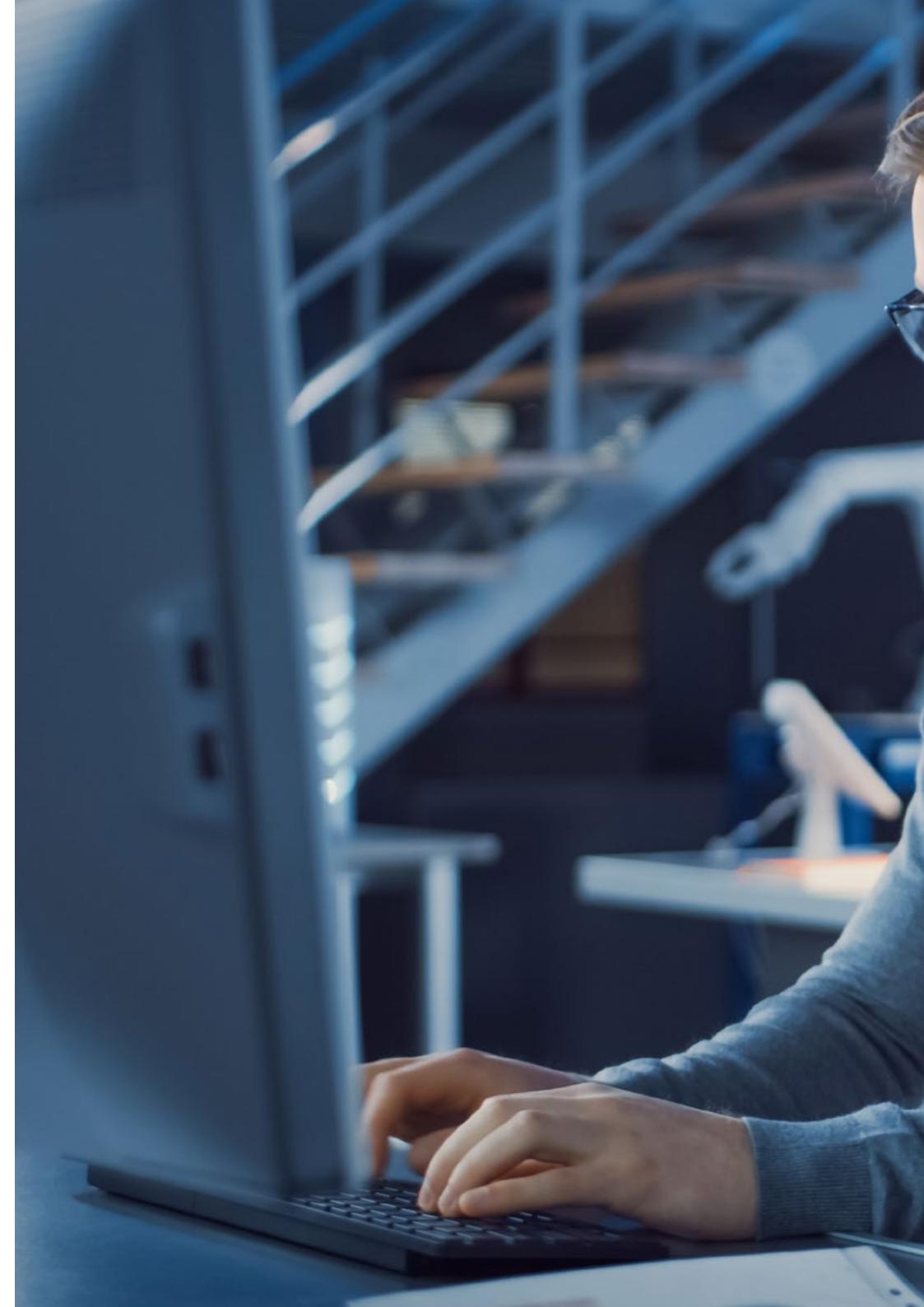
Through this Internship Program, computer scientists will be able to apply the theoretical knowledge acquired in a real work environment, facing real challenges and problems in the field of creating network applications. Therefore, the objectives will include the development of technical skills in user experience design (UX), web programming, optimization for mobile devices and digital accessibility, as well as the ability to work in a team and communicate effectively in collaborative projects.



## General Objectives

---

- Design intuitive and attractive user interfaces
- Develop functional and efficient web applications
- Apply user experience (UX) principles in interface design
- Use modern tools and technologies in the development process
- Optimize the usability and accessibility of interfaces and applications
- Implement IT security practices in the development of networked applications
- Collaborate in multidisciplinary teams for digital creation projects
- Perform testing and analysis to continuously improve the quality of the final product





## Specific Objectives

---

- Understand the basic principles of interface design and network applications.
- Master specific graphic design and web development tools
- Apply rapid prototyping techniques for iteration and continuous design improvement
- Implement web accessibility standards to ensure inclusion of all users
- Integrate advanced interaction features, such as animations and fluid transitions
- Use frameworks and development libraries to accelerate the authoring process
- Perform usability testing and obtain feedback for design optimization
- Become familiar with information architecture concepts for intuitive navigation
- Acquire skills in integrating APIs and external web services
- Develop a thorough understanding of security and privacy considerations in networked application design

66

*You will gain hands-on experience in using modern tools and technologies to create intuitive and engaging interfaces, as well as functional and efficient web and mobile applications"*

# 04 Educational Plan

The Internship Program in Creation of Network Interfaces and Applications consists of a 3-week practical internship in a prestigious IT company, from Monday to Friday, with 8 consecutive hours of practical training with a specialist. This internship will allow the graduate to participate in real projects, alongside a team of reference professionals, applying the most innovative procedures and mastering the latest technology.

In this program proposal, of a completely practical nature, the activities are aimed at developing and perfecting the necessary skills for the Creation of Interfaces and Network Applications, which require a high level of qualification, and are oriented towards specific training for the exercise of the activity.

This is undoubtedly a unique opportunity to learn by working, acquiring practical skills and specialized knowledge in a field in constant demand in the digital industry. In fact, this program will not only boost the IT professional's career, but will also foster creativity and innovation in the design and development of digital solutions.

The 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 accompaniment and guidance of teachers and other training partners that facilitate teamwork and multidisciplinary integration as transversal competencies for the praxis of the Creation of Network Interfaces and Applications (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
Interface Design	Design intuitive and attractive user interfaces
	Conduct usability testing to improve user experience
	Implement security measures to protect sensitive information
	Implement data analytics systems to improve decision making
Web Applications	Develop responsive and high-performance web applications
	Integrate Content Management Systems (CMS) to facilitate content administration
	Optimize the speed and efficiency of web applications
	Collaborate in digital marketing strategy to promote web applications
Accessibility	Adapt interfaces and applications for various devices and platforms
	Incorporate accessibility techniques to ensure inclusion of all users
	Specialize end-users in the use of developed applications
	Adapt interfaces and applications to different languages and cultures

Module	Practical Activity
Documentation and Maintenance	Investigate and resolve technical issues related to the interface and the application
	Document the development process and keep technical documentation up to date
	Manage the complete application lifecycle, from development to maintenance and upgrades.
	Keep up to date on privacy and data security related regulations and standards privacy and data security
Research and Collaboration	Keep abreast of the latest trends and technologies in web design and application development
	Collaborate with cross-functional teams to ensure consistency between design and functionality
	Create prototypes and perform proof-of-concepts for new functionality
	Analyze user data to identify areas for improvement in interface and functionality

66

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

05

## Where Can I Do the Internship Program?

In its maxim of offering quality education within the reach of most people, TECH has decided to broaden the academic horizons so that this training can be given in various organizations around the country. Therefore, this is a unique opportunity that will allow the professional to continue to grow his or her career alongside the best specialists in the sector.

66

*You will attend your Internship Program in a prestigious IT company and you will put into action everything you have learned with the best professionals in the sector"*





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



IT specialist

### Ogilvy Barcelona

Country

Spain

City

Barcelona

Address: Calle Bolivia 68-70, 08018, Barcelona

Ogilvy is a pioneer in Pervasive Advertising, Marketing and Corporate Communications.

---

Related internship programs:

- Artificial Intelligence in Design
- Personal Brand Construction

66

*Make the most of this opportunity to surround yourself with expert professionals and learn from their work methodology"*

# 06

# 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 learning 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 program agreement shall be 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. 3.- 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.

# 07

# Certificate

This **Internship Program in Creation of Network Interfaces and Applications** contains the most comprehensive and up-to-date program in the professional and academic landscape.

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

The diploma issued by TECH will state the score obtained in the test

Title: **Internship Program in Creation of Network Interfaces and Applications**

Duration: **3 weeks**

Attendance: **Monday to Friday, 8-hour shifts, consecutive shifts**



future  
people  
information technologies  
guarantee education  
teaching  
learning technology learning  
community commitment  
personalized service innovation  
knowledge Present quality  
languages  
classroom

**tech**

Internship Program  
Creation of Network  
Interfaces and Applications

# Internship Program

## Creation of Network Interfaces and Applications



tech