



## Tomás Ramos Ferreira

Date of birth: 07/09/2001

Nationality: Portuguese

Gender: Male

### CONTACT

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### WORK EXPERIENCE

**11/2021 – CURRENT** – Beja, Portugal

#### Web developers

##### Sparkint

Concluding an Internship at Sparkint, a security & cyberintelligence technologies company, as part of the Degree in Computer Science.

The purpose of this internship is to develop a platform for self-learning hacking. The Database was created in MySQL, the front-office was created using React.js, and the back-end was made using Laravel, an PHP Framework, and JavaScript as its main programming languages.

Assessed end-user needs and requirements and built features and capabilities to maximize client benefits.

Prepared technical documentation and user manuals.

Designed, developed, tested, and deployed following client requirements

Made recommendations regarding system expansions and alternative approaches to platform development.

<https://www.sparkint.pt/?lang=en> / Edif. Escola Superior Tecnologias e Gestão Rua Pedro Soares, 7800-295, Beja, Portugal

**01/2019 – 03/2019** – Funchal, Portugal

#### Web application developer

##### Ams Sensor Portugal

Continuation of the internship at AWS Sensors Portugal where I keep developing web applications.

This time, the objective was to create a website for posting challenges to improve or to solve company problems, with prizes like bonus and trips. Developed in JavaScript, TypeScript, React.js, Microsoft SharePoint, SQL, and Web Services.

Designed, developed, tested, and deployed following client requirements.

Collaborated with the senior web developer to clean up processes, and boost performance.

Ensured project completion on schedule and worked with the quality team to ensure continuous improvement.

**05/2018 – 06/2018** – Funchal, Portugal

#### Web application developer

##### Ams Sensors Portugal

I started an internship at AWS Sensors Portugal, when I was taking a programming course at Professional School Cristovão Colombo.

Assessed end-user needs and requirements and built features and capabilities to maximize workers' productivity, automate the request of new office supplies, like software or hardware.

Developed web applications using JavaScript, TypeScript, React.js, Microsoft SharePoint, SQL, and Web Services.

Consulted clients to determine their product specifications throughout the development process.

Interacted with personnel and project managers to adhere to project guidelines.

Prepared technical documentation and user manuals for the software.

### EDUCATION AND TRAINING

**09/2016 – 07/2019** – Av. do Infante 6, Funchal, Portugal

## Programmer

Professional School Cristóvão Colombo

General:

- English;
- Math;
- Physics and chemistry;
- PE;
- Social Integration area;

Professional:

- Programming;
- Computer systems;
- Operating systems;

EQF level 4 | <https://epcc.pt>

**01/09/2019 – CURRENT** – Campus do Instituto Politécnico de, R. de Pedro Soares, 7800-295 Beja, Beja, Portugal

## Computer Engineering Bachelor

Beja Polytechnic Institute

**Field(s) of study**

- Information and Communication Technologies : *Software and applications development and analysis* | *Information and communication technologies not elsewhere classified* | *Database and network design and administration* | *Information and Communication Technologies (ICTs) not further defined* | *Computer use*

<https://www.ipbeja.pt/Paginas/default.aspx>

**01/09/2018 – 31/01/2020** – R. da Alfândega 78, Funchal, Portugal

## Cambridge English: First (FCE)

Wall Street English

<https://www.wsenglish.pt>

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Portuguese

**OTHER LANGUAGE(S):**

English

**Listening**  
B2

**Reading**  
B2

**Spoken  
production**  
B2

**Spoken  
interaction**  
B2

**Writing**  
B2

## PROJECTS

08/2021 – 09/2021

### Real State website - Villas in Madeira

<https://www.villasinmadeira.com>

Developed a real state website, **Villas in Madeira**, using PHP, JavaScript and AJAX. It was developed using CodeIgniter, a PHP framework, that uses MVC(Model-View-Controller), a software development pattern, as a main concept.

I was responsible for all **requirements' analysis**, as well as its **development** and **deployment**.

05/2021 – 05/2021

### Future Analyst & Co-creator - Kids Remote Workout

<https://portal.demola.net/certificates/028509548078-c773a8>

I was part of a team for "Kids Remote Workout" project as a **Team leader** and the **project programmer**.

The project was for a Nonprofit Sports Organization for Children, the Fit Salvador, and consists of find new ways to kids workout using the new technologies.

The solution was to create a mobile app, like a social media, with challenges, scoreboard that gives prizes in a period of time, and chats, where the kids can challenge each other.