

# FRANCISCO FREITAS

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<https://github.com/FranciscoJRFreitas>



## EDUCATION

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### NOVA SCHOOL OF SCIENCE AND TECHNOLOGY

- Integrated Master's in Computer Science and Engineering (currently in third year)

LISBON, PORTUGAL

SEPTEMBER 2020– JULY 2025

### HIGH SCHOOL GRADUATE, SCIENCE AND TECHNOLOGY

- Escola Secundária Artur Gonçalves, GPA: 18

TORRES NOVAS, PORTUGAL

SEPTEMBER 2017– JULY 2020

### ATTENDANCE AT THE ERASMUS+ PROJECT

- Learning - Teaching - Training Activity within the framework of the European project Erasmus+ KA2

SICILY, ITALY

FEBRUARY 2018

## RELEVANT PROJECTS

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### WEBSITE DEVELOPMENT

- Currently developing a website using WordPress for an idea of a business/service of my own.

### RENTING SYSTEM APPLICATION (WITHOUT UI)

*Object oriented programming project*

- Developed a **Java** application, with specific client features, regarding the theme of booking a place. Standard user registration (guest or host), associated with properties, handling the booking system (with automatic system response or/and user interaction), reviews and listing information.
- Analyzed which data structures were the most suitable for each situation and implemented requested features with software engineering principles.

### UNIVERSE SIMULATION WITH APPLIED PHYSICS

*Computer graphics and interfaces*

- Created a WebGL universe graphical simulation (in **JavaScript** and **GLSL**) with particles that can be controlled with keyboard and mouse commands and are affected by planets' gravitational force.

## EXTRACURRICULAR EXPERIENCE

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### ENROLLMENT IN BEST – ALMADA

*IT Department Member*

ALMADA, PORTUGAL

OCTOBER 2022 - PRESENT

- I became a member of one of the most well-known university student organizations to expand my hard and soft skills.
- Contributed to different technology workshops, given to the organization members.
- Developing an application for the local group, using Django (Python), MySQL and Flutter (Dart).

### ATTENDANCE AT THE MUSIC CONSERVATORY "CHORAL PHYDELLIUS"

*Classical guitarist*

TORRES NOVAS, PORTUGAL

SEPTEMBER 2010- JULY 2015

- I learnt music theory and played in a group of classic guitarists - "Ensemble de Guitarras" at Choral Phydellius, which improved my teamwork, leadership, socialization, and communication skills.

## LANGUAGES SKILLS

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**Portuguese** (Native); **English** (B2 level certificate issued by Cambridge University)

## COMPUTER SKILLS

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**Java** (Advanced), **JavaScript** (Advanced), **C** (Intermediate), **Python** (Intermediate), **OCaml** (Beginner), **SQL** (Beginner), **R** (Beginner), **Microsoft Excel** (Beginner).