FRANCISCO FREITAS

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EDUCATION

NOVA SCHOOL OF SCIENCE AND TECHNOLOGY   **LISBON, PORTUGAL**
- Integrated Master's in Computer Science and Engineering (currently in third year)   SEPTEMBER 2020– JULY 2025

HIGH SCHOOL GRADUATE, SCIENCE AND TECHNOLOGY   **TORRES NOVAS, PORTUGAL**
- Escola Secundária Artur Gonçalves, GPA: 18   SEPTEMBER 2017– JULY 2020

ATTENDANCE AT THE ERASMUS+ PROJECT   **SICILY, ITALY**
- Learning - Teaching - Training Activity within the framework of the European project Erasmus+ KA2   FEBRUARY 2018

RELEVANT PROJECTS

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 and implemented features with software engineering principles.

GLSL PROJECTS
Computer graphics and interfaces
- Created various WebGL projects: Realistic universe graphical simulation (with **JavaScript** and **GLSL**) with particles and planets that can be controlled with keyboard and mouse commands; Helicopter 3D simulation with user input and interaction with the environment and cameras; Lights and materials manipulation in a 3D scene. (Can be accessed from my Portfolio)

EXTRACURRICULAR EXPERIENCE

ENROLLMENT IN BEST – ALMADA   **ALMADA, PORTUGAL**
IT Department Member   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"   **TORRES NOVAS, PORTUGAL**
Classical guitarist   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

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

COMPUTER SKILLS

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