

Francisco Gonçalves

COMPUTER SCIENCE

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Summary

I am currently taking my masters in Computer Science at FCUP.

Afterwards my ambitions are to find an ambitious employment opportunity that would allow me to gain more working experience and be a stepping stone in my professional career.

Despite currently lacking working experience, I am eager to work on anything that requires my skill set and extremely motivated to learn new tools that would allow me to contribute to a larger project as a member of a dedicated team.

Education

FCUP - Faculty of Sciences @ University Of Porto

M.Sc. IN COMPUTER SCIENCE

Campo Alegre, Porto

Oct. 2020 - Current

FCUP - Faculty of Sciences @ University Of Porto

B.S. IN COMPUTER SCIENCE

Campo Alegre, Porto

Sept. 2016 - Aug. 2020

Abade de Baçal High School

HIGH SCHOOL DEGREE - SCIENCES AND TECHNOLOGY

Av. Eng. Amaro da Costa, Bragança

Sept. 2013 - Jul. 2016

Experience

HealthySystems - HLTSYS

INTERNSHIP

R. Alfredo Allen 455, 4200-135 Porto

Feb. 2020 - Aug. 2020

- Created and developed a Kibana plugin using Elasticsearch to store and later open, edit or delete bash scripts from its database. The project was made with the React framework for JavaScript. The webpage allows the user to view existent files and edit them in an integrated code editor. The user can also create a new script from scratch from the plugin itself as well as select files from their computer.

Skills

PROGRAMMING LANGUAGES

- **Java, C, C++, JavaScript, Python,**

FRAMEWORKS

- **React, Node.js,**

OTHER

- **HTML/CSS, Bash Scripting, LaTeX, Microsoft Office, MySQL, Elasticsearch,**

Projects

Most of the projects I've been involved in can be seen on my GitHub page. Here are a few:

- **INSIDE CLASSES**

Web Domino Singleplayer/Multiplayer Game

WEB-BASED GAME THAT CAN BE PLAYED AGAINST A SIMPLE BOT OR AGAINST ANOTHER PLAYER THROUGH A NODEJS SERVER

- *JavaScript - HTML - CSS*

2019

Web Technologies

Web App Prototype

PROTOTYPE OF A WEB-BASED PORTAL THAT RECORDS AND DISPLAYS STATISTICS ABOUT USAGE OF "COMPLAINTS PORTAL"

- *JavaScript - HTML - CSS*

2017

Person-Machine Interaction

Delivery Simulation

A SIMULATION IMPLEMENTATION REGARDING A DELIVERY SYSTEM OF PACKAGES TO CLIENTS

- *Python*

2020

Decision Support Methods

● PERSONAL

Snake Game

CLASSIC SNAKE GAME MADE WITH PYGAME.

- *Python*

2020

Sudoku Solver

A SIMPLE PYTHON IMPLEMENTATION THAT SOLVES ANY GIVEN SUDOKU PUZZLE USING BACK-TRACKING

- *Python*

2020

Blackjack Game

A PYGAME IMPLEMENTATION OF THE POPULAR CARD GAME BLACKJACK

- *Python*

2020

Rubiks Cube Solver

AN IMPLEMENTATION WITH GRAPHICAL INTERFACE BUILT WITH PROCESSING 3 THAT SOLVES ANY GIVEN RUBIKS CUBE SHOWING EVERY STEP.

- *Java*

2020

Languages

NATIVE:

- Portuguese

FLUENT:

- English - C1 Advanced Cambridge English Qualification

LIMITED WORKING PROFICIENCY:

- Spanish