

## EDUCATION

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### University of Lisbon – Faculty of Sciences

Bachelor of Science in Computer Science

Lisbon, Portugal

*Expected - 2021*

#### Relevant Coursework:

Algorithms and Data Structures, Database and Information Systems, Operating Systems, Computer Networks, Distributed Systems, Introduction to Artificial Intelligence

## EXPERIENCE

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### Student Software Engineer

*Aug 2019 – Nov 2019*

#### Premium Minds

- Worked part-time as a software developer developing the backend of an enterprise web application for energy companies to manage their contracts and processes
- Implemented process flows and other business logic features mainly in Java, using the Jooby web framework alongside Ebean and PostgreSQL for ORM queries and database, respectively
- The application was structured as a microservices architecture, with RabbitMQ and deployed in Docker containers

## PROJECTS

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### EspacoGes

- School project to manage, administrate and request reservations of sports facilities
- Analyzed and developed a solution in a three-layer architecture, using Domain Model for the business layer, Data Mapper for the data layer and MVC for the presentation layer.
- Implemented the program in Java, using JavaFX to develop the desktop client and Hibernate as ORM

### URL Shortener – In progress

- REST API using NodeJS and Express that receives an URL and translates it into a shortened link and vice versa through the shortid npm package, storing the results in a Redis database
- Next steps: procedurally generate the shortened links and drop shortid package dependency, create a frontend using React

## ACTIVITIES

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### Computer Science Student Association – Academic Intervention Department

*Sep 2017 – Apr 2019*

#### University of Lisbon – Faculty of Sciences

- Made efforts to improve relations with students and software companies by organizing workshops, tech talks and open days for hundreds of attendees
- Handled issues and concerns that arose with teachers, the computer science department or the University itself

## TECHNICAL SKILLS

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- Proficient in Java
- Familiar with C, JavaScript, JQuery, Python, SQL, HTML5/CSS3, Bootstrap, Haskell, PL/SQL
- Others: Git, FileZilla, Oracle Database, Linux, Wireshark