Daniela Camarinha

🎯 GOALS

3rd Computer Science Student, in search of my first job/internship in the areas of Full Stack Development, Data Science and Cyber-Security. Curious, proactive and a quick learner.

💼 HIGHLIGHT PROJECTS

LEITunes
2nd Year – Object Oriented Development Class

- Use of the Java programming language to develop a Music Player that can play songs from playlists created by the user and others automatically generated.
- Applied concepts such as inheritance, polymorphism, encapsulation and use of design patterns such as the Observer pattern (publisher-subscriber)
- Development of unit tests (JUnit)
- Documentation (Javadoc)

Client-Server with Apache Zookeeper
3rd Year – Distributed Systems

- Use of the C programming language to develop a server where it's possible to store key-value pairs on a hash table and a client that is able to access it with the operations: put, delete, get, gettable, getkeys e stats
- Applied concepts/tools such as mutual exclusion (using threads), Google Protocol Buffers to send requests as messages through the network with the help of stub modules for network appropriate formatting on the client side and skeletons on the server side to reconstruct the message
- Replication to better fault toleration with the help of the Apache Zookeeper service to store server's metadata

ChattyFwends

Personal Project – In development

- Development of a Chatroom with Front-end in HTML/CSS/JS
- Using a MySQL database to store messages and manage users.
- PHP scripts to connect to the database and retrieve the login data from a HTML form -XAMPP web server deployment for testing

✉️ CONTACTS

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GitHub (code of the projects mentioned)
DanielaDoesCode

📦 EDUCATION

Faculdade de Ciências Universidade de Lisboa, 2021 - 2024
Licenciatura Engenharia Informática(LEI)

🧩 EXTRA-CURRICULARS

- Member of the project department at JUST Ciências - Present
- Secretary of the DI student comity -2021-2023 (Departamento Informático)
- Tutor project ExplicaMisto – 2022
- Volunteer Futurália -2022
- Volunteer open day FCUL - 2022