


Luís Silva

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Experience

- 04/18–Now ♦ **Research Fellowship**
IT (Instituto de Telecomunicações)
The base of my research are vehicular networks. Currently, I am trying to build a reputation system for the next generation of smart cities based on blockchain technology.
- 11/15 – 11/18 ♦ **Member of NEECT**
NEECT – AAUA_v (Association of Computer and Telematics Engineering Students)
- **Financial Officer** 11/17 – 11/18
Responsible to present monthly reports of the budget and to manage all of the Association expenses. Responsibility was the key aspect taking this challenge.
 - **Chair of the General Meetings of Members** 11/16 – 11/17
Responsible to moderate General Meetings of Members. It was important to learn how to deal with different types of personalities views of the same problem.
 - **Secretary of the General Meetings of Members** 11/15 – 11/16
The first encounter that I had with the student association in my University. Responsibilities included writing the meeting proceedings. This experience pushed my time management skills.
- 10/15 – Now ♦ **Students Representative**
Course Committee
Elected four years in a row as the students representative of my academic year. A wonderful experience to be connected to both professors and colleague students.

Education

- 09/17–Today ♦ **MSc. Computer and Telematics Engineering**
University of Aveiro
A work in progress where I am focusing on *Computer Networks, Distributed Systems and Security*
- 09/14–06/17 ♦ **BSc. Computer and Telematics Engineering**
University of Aveiro
Where I dived into themes like *Algorithms and Data Structures, Compilers, Computer Architecture, Operating Systems, Artificial Intelligence*.

Education (continued)

09/11–06/14 ♦ **High School Degree**
Escola Secundária Alves Martins, Viseu
Final grade: 18/20

Research Publications

- 1 Silva, L., Senna, C. & Zúquete, A. (2019). Using reputation as a coin to bet on information items distributed in a smart city. In *2019 fifth conference on mobile and secure services (mobisecserv)* (pp. 1–2). doi:10.1109/MOBISECSERV.2019.8686570

Skills

Languages ♦ Reading, writing and speaking competencies in English and Portuguese.
Coding ♦ Java, Python, Rust, Android, Bash, C/C++
Databases ♦ MySQL, PostgreSQL, SQLite, SQL Server .
Web Dev ♦ HTML, CSS, JavaScript, React.
DevOps ♦ Linux, VIM, Docker, Jenkins

Miscellaneous Experience

Projects

Some interesting projects I built with my friends on 24h–48h Hackathons all over Portugal while taking down huge amounts of caffeine. Check out my *Github page* for more interesting projects

- 02/17 ♦ **Markovitter** at Hacktivate (1st Prize)
An application that generates quotes for an arbitrary Twitter account by training a Markov Chain.
- 09/17 ♦ **Dhroraryus** at Make or Break
An web application built to intelligently generate a Schedule based on our constraints and preferences using Artificial Intelligence.
- 02/17 ♦ **Team Up** at Shift Happens
An web application to help the user find partners to play sports with.

Awards and Achievements

- 10/15 ♦ **Physics Olympiad**, 1st place in Regional Qualifiers.

Certification

- 06/13 ♦ **Junior University**. Summer School of Physics.