Bernardo Amaral

👤 10, November, 1996

📞 914 983 136

🏠 Benedita, Alcobaça | Arroios, Lisboa

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○ github.com/bernardoamaral1011

Preferred areas: Full-Stack, IoT, Data Science, Machine Learning, AI

Skills: C, Python, Java, Javascript, HTML, Sass, MySQL, PHP, Ionic, Angular, PHP, Linux, Arduino IDE, MongoDB, Git

📚 Education

Sep 2014 - Dec 2019 ○ **Integrated Masters in Electrical and Computer Engineering (MEEC)** | Instituto Superior Técnico (IST)
- Major in Computers and Minor in Telecommunications
- Dissertation with final grade of 19 | "Air Quality Monitoring and Interpolation System for IoT Applications"
- Academic excellence diploma 2018/2019

Oct 2015 - May 2019 ○ Member of Núcleo de Estudantes de Eletrotecnia e Computadores do Instituto Superior Técnico (NEECIST)
- Development and presentation of **workshops** and **lectures** for students
- Organization and promotion of **Jornadas da Engenharia Eletrotécnica e de Computadores no Instituto Superior Técnico** – participation in various activities (matchmaking, technological exhibitions, lectures and workshops)
- **IST Summer Internships** organization – contact with companies | bridge between students and companies

🚀 Projects

- Web app dedicated to message distribution to users in diferent locations | Flask, jQuery, RabbitMQ
- Database for an health care center with a web app for navigation | MySQL, HTML, PHP
- Distributed and parallel implementations of a sudoku solver | MPI, OpenMP

- Mobile app with simple culinary recipes | Ionic, Spring
- Web app dedicated to the visualization of air quality in the city of Lisbon | Javascript, Python, Mapbox
- Simple vigilance system with Android app integration | Java, Raspberry Pi

✴ Volunteering and other activities

Fev 2020 ○ Volunteering project in Siem Reap, Camboja with the organization Teach How to Fish
- Community development and support project for children in a village

Nov 2015 ○ International robotics competition RoCKIn: 2015 edition, in Lisboa
- Functions: support to the organization

2013/2014 ○ Vice-coordinator of the group Jovens Sem Fronteiras da Benedita (20 people)
- Functions: organizing weekly meetings, planning activities

📊 COMPLEMENTARY TRAINING

- Dramatic Expression Course| Member of the theater group of Instituto Superior Técnico (2016 a 2017)
- First Certificate in English (2014)
- Sports training: Federated athlete | Athletics at Clube Recreativo da Ribafria (2013 a 2015) | Tennis at Clube de Ténis de Alcobaça (2003 a 2010)
- Piano course in articulated training- 4º grade | Academia de Música de Alcobaça (2009 a 2011)

🖥 SOFT SKILLS

- Critical thinking
- Communication and empaty
- Adaptation to new technologies