Ivo Fernandes

Software Engineer

PLACE AND DATE OF BIRTH:	Portugal — 29 March 1995
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Work Experience

Apr 2019 . . . Now	*Amazon, London* Financial systems team, maintaining and developing the accounting system for Prime Video. This includes: contract tracking, contract updates, payments, amortisation rules and reporting. **Software Development Engineer** - *Accounting, Java, Spring, Guice, Hibernate, various AWS technologies, CloudDevelopmentToolkit (CDK)*
Nov 2018 . . . Mar 2019	*Deimos Engenharia, Lisbon* During my time working in the ground segment department I developed a machine learning tool that capable of generating land use land cover maps and refactored the configuration and architecture of the ELK stack. **Software Engineer** - *Scikit-learn, GDAL, ElasticSearch, Kibana, Grafana, Logstash, Metricbeat, Filebeat, Heartbeat*
Jul 2016 . . . Oct 2016	*Scholarship at FEUP* Development of **WindsP**, a web platform to manage wind research campaigns within the ambit of WindScanner.eu - The European WindScanner Facility. **Fullstack Web Developer** - *AngularJS, NodeJS, MongoDB, Vagrant*

Certifications

Dec 2019 — Dec 2022	AWS Certified Solutions Architect - Associate

Education

2013 — 2018	Integrated Master in INFORMATICS AND COMPUTING ENGINEERING **Faculty of Engineering at University of Porto**, Portugal (3 year BSc + 2 year MSc) Final grade: 17/20

Relevant Projects

Dissertation	*A Deep Learning Approach to Named Entity Recognition in Portuguese Texts* Analyzed, implemented, trained and tested multiple deep learning architectures. Available in UPorto's platform. Grade: 19/20. *Python, NLTK, PyTorch*
NightOut	Mobile App (Android + iOS) that allows users to find bars and nightclubs to attend to. This project started with a group of friends (2 students of economics and 3 student of computer science). Born in 2016, this project was one of the 20 finalists of BIG smart cities 2016. **Fullstack Developer** - *AngularJS, NodeJS, PostgreSQL, Ionic*

Relevant Skills

I am a curious person, I enjoy exploring and learning about technology. I am dedicated and take pride in the quality of my work. I never turn down a challenging task and am always open to learning and improving.

Languages:	Portuguese (Mother-tongue), English (Cambridge ESOL Level 3 Certificate, 2013)
Operating Systems:	Linux (Daily-Driver since July 2015; Previous distros: Debian, Ubuntu; Current: Manjaro), familiar with Windows, Android and MacOS

Interests

Open-Source movement, Scalability, Software Architecture, Computer Security, Artificial Intelligence, Machine Learning, Automation, Handball, Weightlifting and Mountain Biking.