Pedro **Almeida**

MSc. in Computer Science and Engineering

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Experience

WorldIT
Lisbon, Portugal

MSc. Thesis Collaboration Intern
Jan. 2021 - Nov. 2021

- Created an ASP.NET Core Blazor application used by the Portuguese National Emergency Institute. Deployed app on Azure App Service and set up interaction with Azure SQL.
- Created and embedded a complex Power BI report into the Web App.

Imaginary Cloud
Lisbon, Portugal

Software Engineering Intern
Mar. 2019 - Jul. 2019

- Implemented full Front-end remakes for various web pages, using HTML5, CSS3, JS and multiple libraries.
- Created a RESTful API and programmed for Ruby on Rails with full testing coverage.
- Upgraded production Node.js and Ruby on Rails apps.
- Used multiple CI/CD tools to deploy to production & setup the development environment for the Front-end of a web page.

AGAP2 IT Portugal
Lisbon, Portugal

Software R&D Summer Intern
Jul. 2018

- Worked on a Research and Development project focusing on the usage of Blockchain protocols to create Smart Contracts.
- Developed a working prototype for a WebApp using Smart Contract technologies, with .Net and SQL Server.
- Implemented and launched Smart Contracts in a testnet to assess it's functionalities and usefulness.

Education

Universidade NOVA de Lisboa - School of Science and Technology (& TU Dresden)
Dresden, GE & Lisbon, PT

BSc. & MSc. in Computer Science and Engineering
Sep. 2016 - Feb. 2022

- MSc. courses of note: Data Visualization, Multimedia Computing, Machine Learning, Construction and Verification of Software, Mobile and Distributed Systems, Human–Computer Interaction.
- BSc. courses of note: OOP, Databases, CGI, Distributed Systems, Software Development Methods, Artificial Intelligence.

Skills

Languages	Java, C#, JavaScript, TypeScript, SQL, some Dart, Golang, Python, C, Ruby
Technologies	Git, Bash, Docker, React, Firebase, Android, HTML, SCSS, D3.js, JQuery, Bootstrap
Frameworks	Next.js, Gatsby, Flutter, some .NET 5, Ruby on Rails
I Speak	Fluent English (CAE C2) & Portuguese, some German (A1)

Projects

Mobile or Desktop Applications, Websites, and Open Source contributions

Check PTALMEIDA.COM/PROJECTS & GITHUB.COM/PTALMEIDA for more
Sep. 2016 - Dec. 2021

- **ptalmeida.com** – Website built with Gatsby (React GraphQL), Prismic headless CMS, CI/CD, jam-stack. Includes localization, custom styling, GraphQL querying, SEO optimization & DNS management.
- **DeKoi: Koi Index App** – Flutter application with Google Maps integration and complete Figma prototyping.
- **Novatalks Website** – TypeScript Next.js website for NovaTalks student club. Includes localization, custom styling, SEO optimization, headless CMS & CI/CD.
- **Clash of Spell App** – A real-time multiplayer game making use of Firebase Storage, Firestore, Auth, and In-device smartphone sensors.

Honors & Awards

2015	**Finalist**, IPS Junior Entrepreneurship Challenge	*Setúbal, Portugal*
2016	**Honor Board**, E. S. Fernão Mendes Pinto, Senior year	*Almada, Portugal*
2020	**Finalist**, Hack for Good @ Home Hackathon	*Lisbon, Portugal*