

LUÍS VIEGAS

Porto, Portugal

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ABOUT ME

Bachelor's and Master's degrees in Software Engineering. Passionate about developing web-based systems and artificial intelligence, with over 1.5 years of experience in software engineering

EDUCATION

Master's in Software Engineering and Computing, Faculty of Engineering, University of Porto. September 2022 - July 2024

Relevant Coursework: Large-Scale Software Development, Project Management, Advanced Machine Learning, Distributed Systems.

Bachelors in Software Engineering and Computing, Faculty of Engineering, University of Porto. September 2019 - June 2022

Relevant Coursework: Web Development, Advanced Algorithms and Data Structures, Design Patterns, and Databases.

SKILLS

Professional Experience JavaScript, Python, SQL, ReactJS, Next.js, Node, TailwindCSS, LangChain

Non-Professional Experience Java, Ruby, Ruby on Rails, Elixir, FastAPI, PHP, Laravel

EXPERIENCE

Software Engineer November 2024 - Present
CoolLink S.A. *Porto, Portugal*

- Lead the AI team in designing, deploying, and maintaining RAG pipelines, enhancing information retrieval across private documents for three major banks in Portugal. Currently developing automated transcription solutions for customer calls.

Software Engineer February 2024 - November 2024
Critical TechWorks — BMW Group *Porto, Portugal*

- Developed an internal tool leveraging large language models to automatically generate user acceptance tests, enhancing both productivity and test quality for product owners.

Grant Researcher July 2023 - February 2024
FEUP *Porto, Portugal*

- Conducted research and led experiments to improve machine learning regression algorithm selection through the creation of datasetoids.

NOTABLE PROJECTS

Board Game Wizard Developed a voice commanded AI App for Board Game players to clarify game rules while playing. Built with ReactJS, NextJS, PostgreSQL, Python, TailwindCSS, etc. ([Check it Out!](#))

Fleet Developed a results app for athletics by web scraping the Portuguese Federation website, storing results in a database, and serving them through a Node.js backend to a React Native app available on iOS and Android.

Icon Creator Built an icon creation software using ReactJS as a freelance project for a Healthcare company. The web app enabled designers to easily create new icons using a drag-and-drop system.