



# Pedro Ferreira

Software engineer

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Self-learned software engineer with lots of hands-on experience with handcrafting quality code and mentoring others. Passionate about cutting-edge technology and building good software with great people through communication, diligence and innovation.

## WORK EXPERIENCE

### Software Engineer 01Talent

11/2024 - Present

#### Tasks

- Review and refine learning material across diverse programming languages and areas
- Revamp and fine-tune specifically all the Rust content and its solutions and tests for dozens of 01Talent zones/schools
- Communicate directly with the 01Talent network and its students to assure content quality

## EDUCATION

### Bachelor's in Computer Science Universidade do Minho

09/2024 - Present

Porto, Portugal

### Higher Education Institute 42 Porto

08/2022 - 09/2024

Porto, Portugal

#### About

- Part of the first batch of accepted students at 42 Porto
- Mentored and networked with other students, some of which finished the school

## SKILLS

Rust Zig C C++

JavaScript/TypeScript/node.js LLVM React

Next.js Svelte JVM .NET Go

MongoDB \*nix

## PERSONAL PROJECTS

### sundae (06/2023 - Present)

- Designed and engineered the lexer and parser for a complex programming language syntax
- Linked and properly integrated LLVM with the front-end to generate industry-grade machine code
- Wrote and linked a custom standard library the compiler understands via a C ABI

## LANGUAGES

Portuguese

Native or Bilingual Proficiency

English

Full Professional Proficiency

Spanish

Professional Working Proficiency

French

Limited Working Proficiency

## INTERESTS

Gaming

Powerlifting and nutrition

Tinkering with Linux

OSS