

## PROFILE

Second-year Software Engineering student at Universidade do Minho with a strong interest in AI, machine learning, and full-stack development. I've built and shipped real projects, from hackathon winners to live band institutional websites, and am driven by curiosity, craft and honing to become a better developer and solutions architect. Seeking a summer internship where I can contribute meaningfully and grow alongside experienced engineers.

## EDUCATION

### BSc Informatics Engineering (Software Engineering)

2023 - Present

Universidade do Minho, Braga

Core modules in Algorithms & Data Structures, Functional Programming (Haskell), Imperative Programming (C), Logic, Calculus, and Linear Algebra. Currently in 2nd year, targeting a future Master's in Artificial Intelligence & Machine Learning.

## PROJECTS

### Geisha Gains

🏆 UPHOLD THEME WINNER

Jan 2026

BugsByte 2026 Hackathon · [GitHub](#)

AI-powered crypto trading simulator built with Next.js 14, React, TypeScript, Prisma, PostgreSQL and Tailwind CSS. Integrated NVIDIA NIM (Llama-3 70B) for real-time news analysis and risk profiling. Deployed on Vercel with a full intelligence loop: live news ingestion → AI threat scoring → war room dashboard. Won the Uphold-sponsored theme at the hackathon.

### Personal Portfolio & Blog

2024 - Present

rrodrickk.github.io · [Live](#) [GitHub](#)

Self-designed website with portfolio, technical blog posts (study methods, creative workflow, Linux setup), and live project showcase. Continuously iterated with UI/UX improvements.

### Solmãne Band Website

2026 - Present

solmaneband.github.io · [Live](#)

Official website for the alt-rock band I co-founded, handling design, development, and content.

### Empire Rush

2024

University project · [GitHub](#)

Strategy game written in Haskell as part of the 1st-year Functional Programming course. Demonstrates pattern matching, recursion, and pure functional design.

### Arch Linux Dotfiles

2025 - Present

[GitHub](#)

Custom Arch Linux + Sway WM environment with scripted setup for a streamlined development workflow.

## SKILLS

### LANGUAGES

Haskell · C · TypeScript ·

JavaScript · Python ·

HTML/CSS · SQL

### FRAMEWORKS & TOOLS

Next.js · React · Tailwind CSS ·

Prisma · PostgreSQL · Docker ·

Git

### INTERESTS

AI / LLMs · Machine Learning ·

Linux · Full-Stack Development

## OTHER

### Solmãne — Co-founder & Lead Guitarist

2024 - Present

Alt-Rock Band, Braga · Available on Spotify

Co-founded, arranges, records, and performs original material. Manages the band's digital presence and website. Studying jazz guitar; influences span neo-soul, blues, and shoegaze.

### Languages

Portuguese (Native) · English (C1)