

Pedro Mendes

Informatics Engineering Student at Instituto Superior Técnico de Lisboa

Curriculum Vitae

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Programming: Rust, C, C++, Java, C#, Kotlin, Javascript, Bash, Python, Ruby, Haskell, Elixir. **Databases:** SQL (mysql, postgres), NO-SQL (mongodb, neo4j).
Markup \LaTeX , Markdown, Html, CSS. **Tools:** Advanced Git knowledge, Linux, GNU core utils, Docker.

Highlighted Projects

C	Parallel and Distributed Computing (University project) Successfully used openMP and MPI to develop a blazingly fast, multiprocess system to calculate product recommendations in C. (Grade 17/20)	Repository
Kotlin & Rust	Secure Child Tracking Service (University project) Developed a secure and easy to use app that allows parents to track where their child is, taking care to not compromise the sensitive data the app needs to work with. (Grade 19/20)	Repository
Rust	Scryfall A type safe and complete wrapper around a REST API for fetching and searching for cards from the Magic: The Gathering™ card game.	Crates.io
Markdown	ResumosMiEI A collection of notes written in Portuguese to help students study the base concepts of computer science, lectured at University of Minho.	Repository
C++	Computer Graphics (University project) A generic graphics engine, capable of rendering scenes written in XML (Grade 20/20).	Repository

Experience

2019–∞	Open source contributions rust-lang/rust serenity-rs/serenity	Github
2019	SEI: Semana da Engenharia Informática An event populated with talks and workshops with various companies. I developed the frontend for the event's badge collecting competition.	CeSIUM
2018–Now	Co-Creator of the official MiEI Discord A 1000+ member discord community focused on helping new students and sharing knowledge, where I have provided extensive tutoring and provided a space for new students to feel welcomed and included.	Discord
2018–2020	Member of CAOS An open source group at CeSIUM, the software engineering student centre at Minho University.	CeSIUM

Education

2019 — Now	Masters in Information Systems and Computer Engineering Network and Computer Security: 15/20 Advanced Programming: 18/20	IST
2015 — 2019	Bachelors in Science of Computer Engineering Grade Average: 15/20 Informatics Labs (1, 2, 3 and 4) Average: 19/20 Algorithms and Complexity: 16/20 Program Calculus: 20/20 Imperative and OO programming: 18/20 and 19/20 (respectively) Compilers: 17/20	University of Minho