

Bruno Mendes, Software Engineer



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Employment History

- 2022-2024 **Class Assistant**, Faculty of Engineering of the University of Porto. Provided in-class assistance to students and lectured on some topics about the C language.
- 2024 **Research and Development Intern**, Quorum Born IT. Replaced a legacy code generator with a modern Kotlin DSL, enhancing the system's performance and maintainability.
- 2023 **Software Engineer Intern**, Synopsys. Contributed to the development of open-source and proprietary debugger tools for ARC processors in C++.

Education

- 2022 - ... **M.Sc. Informatics and Computing Engineering** in the Faculty of Engineering of the University of Porto. Thesis title: *Deep Reinforcement Learning for Real-Time Scheduling*. Expected score: 17/20.
- 2019 - 2022 **B.Sc. Informatics and Computing Engineering** in the Faculty of Engineering of the University of Porto. Score: 17/20.

Skills

- Languages **Portuguese: Native. English: C1 (self-evaluation).**
- Programming Languages **C, C++, Rust, Dart, Java, Kotlin, Python, JavaScript, \LaTeX , ...**
- Software Frameworks **Flutter, Laravel, Spring Boot, VueJS, Jekyll, ...**
- Miscellaneous **Chess, Short Story Writing, Gym**

Miscellaneous Experience

Achievements

- 2019, 2021 **Chess District Champion**. Braga U18 and Porto U20 (classical time control).
- 2012-2016, 2018-2019 **Excellence Student**. Middle and High School Awards.

Activities

- 2023-2024 **Team Leader**, NIAEFEUP. Led the development team responsible for the maintenance and improvement of the branch's mobile app for the community, *uni*.
- 2021-2023 **Head of Projects**, NIAEFEUP. Integrated the branch's board, setting up a common working strategy for the different projects.
- 2021-2022 **Event Organizer**, NIAEFEUP. Contributed to the organization of *Semana de Informática*, the annual conference organized by the branch for the community.

Personal Projects

- 2023 - ... **Camel**. A bitboard chess engine in Rust.
- 2024 - ... **Tãmegasousa.pt**. A local news platform app in Flutter.