Bruno Dias da Gião

Braga

Computer Science Student

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https://github.com/greybrunix

https://greybrunix.github.io

Education

- **University of Minho** — Braga, Portugal
  BSc in Computer Science — *2020 - Now*

Experience

- **Teacher's Assistant** — ENSICO
  Teaching Haskell at University of Minho's Verão no Campus — *2022-2023*
- **Researcher** — HASLab
  Benchmarking DEDISbench++ — *2022 - 2023*
- **Researcher** — HASLab
  eBPF research using BPF CO-RE — *2023 - Now*

Hard Skills

- **Tools:** Git, GNUMake, GNU/Linux, LaTeX, Valgrind, strace, bpftrace
- **Spoken:** Portuguese Native, English
- **Programming:** C, Python, Java, Haskell, BCC, BPF CO-RE, Bash
- **Databases:** MariaDB

Projects

- **BPF CO-RE**
  Reseaching overhead and best practices for resource efficient BPF programs using BPF CO-RE
- **DEDISbench++**
  Benchmarking DEDISbench++ for deduplicated and compressed data in Distributed Systems
- **Bed**
  A Basic editor made entirely using POSIX system calls in C
- **Testing and Verification of Concurrent and Distributed Software**
  Formal Verification of Concurrent software using a novel model checker HARMONY

Soft Skills

- Project Management
- Time Management
- Public Speaking
- Communication Skills
- Critical Thinking
- Digital Literacy