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Employment

Research Assistant	INESC TEC | HASLab	Jul 2017 – Dec 2017
	with IBM Haifa collaboration	

DEDISbench: A Benchmark for Deduplicated Storage Systems, with realistic content generation.
- Currently changing the architecture to use threads instead of processes and sharedmem.
- Weighed in on the implementation of a fault injection module.
- Added a module to facilitate the viewing of benchmark data results with plots.
- Technologies: C, gnuplot.

Research Assistant	INESC TEC | HASLab	Jul 2017 – Dec 2017

SafeFS: A modular architecture for secure user-space file systems. Part of the SafeCloud Project funded by the European Commission.
- Learned a lot about FUSE and File Systems in general.
- Technologies: C, Fuse, Filebench, Linux.

Education

Braga, Portugal	Universidade do Minho	Sep 2014 – Jul 2019

- M.S.E. (Integrated Master) in Informatics Engineering. Current average, 16/20 values.
- Currently on the 4th year, mastering in Distributed Systems and Application Engineering.
- Main skills acquired so far: Algorithms and data structures; Computer Architecture; Operating Systems; Object Oriented Programming; Artificial Inteligence; Logic programming; Databases; Distributed Systems; Functional Programming; Compilers.
- Skills obtained by july 2018: Systems Administration; Cryptography; WebServices; Design Patterns; Interactive Systems.

Technical Experience

Projects
- **BasicNN** (ongoing): A simple implementation of neural nets to solidify my knowledge on the matter. C.
- **PeerKnowledge** (ongoing): A peer-to-peer system for course related file sharing. Java, Python.
- **Mnham Mnham** (2017): A course project, mobile app that recomends the best and closest place to eat a specific food you desire. C#.NET, SQL.

Additional Experience

- **MIUP - Maratona Inter-Universitaria de Programacao (2017):** First time participating in a national programming competition.
- **Google Hash Code (2017):** Participated for the first time with three more friends. Ranked 1709.
- **Pixels Camp 2017:** Three days of learning, networking and hacking.
- **Buffalo University's ops-class** Developing operating system core functionality like job scheduling and synchronization.

Languages and Technologies

- C++; C; Java; C#.NET; SQL; Python; Perl; Erlang; Haskell; Prolog; JavaScrpit.
- NetBeans; IntelliJ; Advanced Linux and bash user; FUSE.