

## EMPLOYMENT

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**Software Engineer** **advertio** **Jan. 2018**

- Built a Continuous Delivery pipeline to deploy containers on GKE using Travis CI and Helm.
- Implemented a system responsible for synchronizing ads across several advertising networks.
- Developed an asynchronous scheduler to retrieve ad analytics from several advertising networks.

**Research Engineer** **NOVA LINCS** **May 2017 – Dec. 2017**

- Implemented support for operation compression in AntidoteDB.
- Implemented a prototype for strongly consistent Intra-DC Replication in AntidoteDB.
- Published two peer-reviewed articles on Non-Uniform Replication.

**Research Intern** **New University of Lisbon** **Mar. 2013 – May 2013**

- Designed and implemented a prototype library for Python and OCaml interoperability.

## EDUCATION

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**Caparica, Portugal** **New University of Lisbon** **Sep. 2010 – Apr. 2017**

- MSc in Computer Science and Engineering, April 2017. GPA: 3.2 (16 out of 20)
- BSc in Computer Science and Engineering, April 2017. GPA: 2.6 (13 out of 20)
- **Master Thesis:** “Non-uniform replication for replicated objects”.
- **Graduate Coursework:** Distributed Algorithms; Network and System Security; Reliability of Distributed Systems; Software Construction and Verification.
- **Undergraduate Coursework:** Algorithms and Data Structures; Computer Architecture; Databases; Distributed Systems; Operating Systems; Programming Languages.

## SKILLS

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- **Natural Languages:** Portuguese (mother tongue); English (fluent)
- **Languages:** Python; Rust; Go; Elixir; Erlang; GraphQL; SQL
- **Technologies:** Linux; Git; Docker; Terraform; Kubernetes; Postgres; Django; OTP