

# Gonçalo Tomás

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“You’re never wrong to do the right thing.” - Mark Twain

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## Experience

### Software Developer @ advert.io (Sep - Dez 2017)

Bootstrapped a web application and participated in the architecture of several distributed components:

- Multi-worker scheduler that fetches real time analytics data from several advertiser networks (Adwords, Doubleclick, Facebook Ads, Bing Ads) and stores aggregated information in a database
- Distributed website scraper
- Automated deployment of container infrastructure using Kubernetes

### Student Developer @ Google Summer of Code 2017 (Jun - Sep 2017) [\[certificate\]](#)

Cleaned out a significant portion of non-compiling Erlang code on an popular open source benchmarking [tool](#) and added a Protocol Buffer communication interface to the [Lasp](#) programming language.

### Undergraduate Student Researcher @ NOVA LINCS Research Lab (Sep 2016 - Jun 2017)

Worked in the [SyncFree](#) European Research Project with [João Leitão](#), [Nuno Preguiça](#) and [Valter Balegas](#) on implementing an application to benchmark [AntidoteDB](#) that eventually turned into my master’s thesis. Published [an article](#) in the proceedings of EuroSys (PaPoC 2017)

## Technical Experience & Projects

**Projects**      [clica.ai](#) - Free URL shortening service targeting Portuguese speaking users. (on-going project)

**Open Source**      Besides my participation in Google Summer of Code I am a [top contributor](#) in Magento’s open source translation project in Portuguese. Magento is one of the biggest open source eCommerce platforms.

**Programming Languages**      **Backend Languages:** C, Erlang, Java, Kotlin, Python, Scala

**Frontend Languages:** HTML5, CSS3, Javascript

**Frameworks, Libraries:** Django, OTP, React

Basic knowledge of C++, Elixir, x86 assembly

## Education

**2012-2018**      **MSc, Computer Science & Engineering (Integrated Masters Programme)**

**(expected)**      NOVA University of Lisbon (Caparica, Portugal)

**Thesis (ongoing):** *FMKe - A realistic benchmark for distributed key-value stores.*

**Electives:** *Distributed Systems, Computer Systems & Network Security.*

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