

# Alexandre Medeiros

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## Summary

Passionate about technology and computing from an early age, Computer Science was always the obvious choice for me. During my studies I fell deep in love with several computing areas, ranging from abstract and high level concepts such as Functional Programming, Cryptography, and Theory of Computation to more concrete and lower level topics like Distributed Systems, Cloud Computing, and Information Security. With a great drive to excel and learn, I always strive to create reliable and scalable systems through good practices like extensive testing, code reviews, and incremental deliveries.

## Education

- 2011 — 2016 **University of Campinas, B.Sc. Computer Science**, Campinas.  
Graduated with honors. GPA: 8.6 out of 10.  
Pascal Award 2014 (Best academic performance of CS students).
- September 2014 — August 2015 **Queen Mary University of London, B.Sc. Computer Science**, London.  
Associate Student (Sponsored by Science without Borders).

## Experience

### Nubank

- March 2019 — Present **Software Engineer, Security Engineering Squad**, Current, São Paulo.  
Reimplementation of microservices' loading of Certificate Revocation List.  
Secrets Management System for creating and automatically rotating secrets.
- June 2018 — March 2019 **Software Engineer Tech Lead, Rewards Squad**, 9 months, São Paulo.  
Centralization of program configurations into a single service.  
Cached Backend For Frontend service.  
Communication with client using generic format.  
Lead a team of 3 to 4 engineers.
- January 2017 — June 2018 **Software Engineer, Rewards Squad**, 18 months, São Paulo.  
Nubank Rewards Program Launch Plan.  
Program feature testing and incremental improvements.
- September 2016 — January 2017 **Software Engineer, Bills Squad**, 4 months, São Paulo.  
Credit Card Bill PDF rendering refactor and optimization.

### Google

- December 2015 — March 2016 **Software Engineering Intern, Health Search**, 3 months, Belo Horizonte.  
Exploration project.  
Host: Bruno Gusmão.

## Academic

2012 — 2016 **Teaching Assistant**, *University of Campinas*, 6 terms, Campinas.  
Teaching assistant for Data Structures, Algorithm and Computer Programming, Basic Organization of Computers and Assembly Language, and Object Oriented Programming.

## Technical Skills

Comfortable	Clojure, Python, Shell Script
Familiar	C/C++, Haskell, Java
Basic	Go, Lua, JavaScript

## Languages

Portuguese	Native Language
English	Fluent
French	Beginner