



Alexandre Medeiros

Curriculum Vitae

Summary

A versatile programmer with distinguished academic performance. Interested in several areas of Computer Science, ranging from Operating Systems and low level programming to high level and abstract concepts as Functional Programming and MapReduce programming model. I enjoy learning new skills and facing challenges, my main career goal is to never stop growing up professionally and technically.

Education

- 2011 – 2016 **B.Sc. Computer Science**, *University of Campinas*, Campinas, São Paulo, Brazil.
Graduated with honours (GPA 8.6/10)
Pascal Award 2014 (Best academic performance of Computer Science students)
- September 2014 – August 2015 **B.Sc. Computer Science**, *Queen Mary University of London*, London, United Kingdom.
Associate Student (Funded by Brazilian Government Scholarship: Science without Borders)

Experience

Professional

- September 2016 – Present **Software Engineer**, *Nubank*, São Paulo, São Paulo, Brazil.
Back-end development in a microservices architecture.
Main Language: Clojure
- December 2015 – March 2016 **Software Engineering Intern**, *Google*, Belo Horizonte, Minas Gerais, Brazil, Health Search Exploration.
Data Analysis and new products explorations
Host: Bruno Gusmão
Main Language: C++

Academic

- 2013 – 2014 **Power Estimations for Android based ARM Mobile Devices**, *Undergraduate Research*, University of Campinas, Campinas, São Paulo, Brazil.
Advisor: Prof. Edson Borin (IC-Unicamp)
Co-Advisor: Prof. Sandro Rigo (IC-Unicamp)
Funded by a Samsung Scholarship
- 2013 **SINAR: A low-cost image-based speed radar**, *Intel Embedded Systems Competition 2013*, III Brazilian Symposium on Computing Systems Engineering, Niterói, Rio de Janeiro, Brazil.
2nd place project
Group: Gabriel Krisman, Augusto Morgan e Alexandre Medeiros
Supervisors: Prof. Siome Goldenstein e Prof. Edson Borin

- 2012 – 2016 **Teaching Assistant**, University of Campinas, Campinas, São Paulo, Brazil.
- Object Oriented Programming – 1st semester of 2016
 - Algorithm and Computer Programming – 1st semester of 2014
 - Algorithm and Computer Programming – 2nd semester of 2013
 - Basic Organization of Computers and Assembly Language – 1st semester of 2013
 - Data Structures – 2nd semester of 2012
 - Data Structures – 1st semester of 2012

Volunteer

- 2011 – 2014 **Administrative Officer**, CACo (*Centro Acadêmico da Computação*), University of Campinas, Campinas, São Paulo, Brazil.
Unicamp Computing Students' Union
- 2012 – 2013 **Undergraduate Representative**, *Institute of Computing*, University of Campinas, Campinas, São Paulo, Brazil.
Undergraduate representative in the Undergraduate Affairs Commission of the Institute of Computing during the 2012–13 term
- 2012, 2013 **Basic GNU/Linux Instructor for Freshmen**, GPSL (*Grupo Pró Software Livre*), University of Campinas, Campinas, São Paulo, Brazil.
Basic GNU/Linux classes for Computing Students organized by the Pro-Free Software Group (GPSL)

Technical Skills

- Basic ARM Assembly, VHDL, Go, Lua, JavaScript
- Intermediate Clojure, Haskell, GNU/Linux Operating Systems, Parallel Programming, Shell Script, git, \LaTeX , Java
- Advanced C/C++, Python

Languages

- Portuguese Fluent *Native Language*
- English Fluent *Overall of 8.0 on IELTS Academic test (2013)*
- French Basic