

Guilherme Salazar

Goiânia, Goiás, Brazil
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Experience

Since 2017 Sr. Software Engineer, Kong Inc.

:: Part of the team that develops and maintains Kong Gateway - the world's most popular API platform (details on my LinkedIn profile)

Oct 2016-Jul 2017 Backend Engineer, Appbase.io

:: Built a data streaming platform for Elasticsearch based on OpenResty (Nginx + Lua)

Sept 2015-Feb 2016 Intern, Zenedge

Apr 2015-Aug 2015 Student Developer, Google Summer of Code 2015

:: Participant in the Google Summer of Code 2015. Ported Lua test suite to NetBSD kernel space – [GitHub.com/gszr/luatests](https://github.com/gszr/luatests)

Jan 2014-Jul 2015 Programmer, Macro Softwares

:: Part-time programmer, while in college. Developed an Android app for package delivery management along with spring RESTful web services used by the app and related software. It's on Brazil's Google Play Store under the name "Entregador Online"

Education

Since 2025 M.Sc, Computer Science, Georgia Institute of Technology, United States

Coursework :: Applied Cryptography

2011-2016 B.Sc, Computer Science, Universidade Federal de Goiás, Goiânia, Brazil

Teaching Assistant:

:: Software Construction, Operating Systems, and Formal Languages & Automata

Research Assistant:

:: 2011-2012: Evaluation of IPv6 stacks for low-power devices

:: 2011: Coordination primitives in event-driven concurrent/distributed systems

2012-2013 Non-Degree, Computer Science, University of South Carolina, Columbia

Under full scholarship, awarded by the Ministry of Education, Brazil

Alpha Lambda Delta Honor Society, Dean's Honor List

Part-time programmer

:: Developed a medical records app for the medical school

Technical

- Experience with C, Lua, Golang, Java, Python, Shell scripting
- Proficient Linux and BSD user (NetBSD and FreeBSD)
- Proficient with Docker, Docker Machine, Docker Compose
- Working experience with Postgres, Cassandra, Redis, Memcached, Elasticsearch
- Working experience with OpenResty, Nginx
- Working experience with Git, SVN, and CVS

Associations

Since 2011 Professional Member at the Association for Computing Machinery

Since 2015 Volunteer Developer, The NetBSD Foundation

2018-2019 Professional Member USENIX

Hobbies

I'm a specialty coffee enthusiast; my favorite method is the v60 pour over – I love how flexible it is and enjoy trying out new technique variations (the Tetsu Kasuya 4:6 one of my go-to). I exercise regularly, mainly at the gym and playing Tennis.