Guilherme Salazar

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Education

Jan '10–Jul '16	**Computer Science, B.Sc** *Universidade Federal de Goiás, Brazil* (Spent 1,5 year in Software Engineering before switching to Computer Science)
Aug '12–Jul '13	**Computer Science, Non-degree Program** *University of South Carolina, United States*

Experience

Jul '17–Cur	**Software Engineer** *Kong Inc.* Part of the team that develops and maintains the Enterprise offering of Kong, the world's most popular open-source API gateway and microservices management layer.
Nov '16–Jul '17	**Software Engineer** *Appbase, Inc* Building real-time abstractions on top of Elasticsearch; the product is based on Open-Resty (Nginx + Lua) and Docker.
Dec '15–Cur	**Developer** *The NetBSD Foundation* Maintainer for Lua user and kernel space implementations, as well as the test suite for kernel Lua. I've done work porting parts of Lua standard libraries to kernel space–e.g., *base, math, io, os* and developing I/O bindings to file systems and sockets. (GitHub.com/salazar/netbsd)
Oct '15–Feb '16	**Software Engineering Intern** *Zenedge, LTDA*
Apr–Aug '15	**Student Developer** *Google Summer of Code, LabLua* Ported Lua test suite to NetBSD kernel Lua; tests had to be adapted to be free offloating-point numbers and parts of Lua's standard libraries had to be ported using kernel interfaces. (GitHub.com/salazar/luatests)
Jan '14–Jul '15	**Programmer** *Macro Softwares, LTDA* Developed an Android app for package delivery management along with Spring RESTful web services used by the app and related software. It's on Google Play under the name "Entregador Online"
Jan–Jul '13	**Programmer** *University of South Carolina* Developed a web app with electronic health records (EHR) features using Google App Engine (Python), along with Bootstrap and jQuery on the front end. Under Dr. José Vidal
2011, 2012, 2014, 2015	**Teaching & Research Assistant** *Instituto de Informática, Universidade Federal de Goiás* ○ Sep '11–Jul '12: Smart Cities (IoT): Study, experimentation, and Evaluation of IP stack implementations for low-power devices (e.g., TelosB and MicaZ motes) – under Dr. Bruno Silvestre ○ Mar–Sep '11: Concurrent & Distributed Systems: Study of models and mechanisms of coordination and communication in event-driven concurrent and distributed systems under Dr. Bruno Silvestre ○ Mar–Jul '15: Formal Languages and Automata ○ Mar–Jul '14: Operating Systems ○ Aug–Dec '11: Software Construction

Skills

» Portuguese (BR)	• • •	» Go	•	» GNU/Linux	• • •
» English (US)	• • •	» nginx	• •	» FreeBSD	• •
» C	• • •	» OpenResty	• •	» NetBSD	• •
» Lua	• • •	» Docker	• •	» Android	•
» Python	• •	» AWS (EC2)	•	» Vagrant	•
» Java	• •	» Elasticsearch	•	» Git	• •
» JavaScript	•	» Redis	•	» SVN	•
» Shell Scripting	• •	» SQL	•	» CVS	•

•	Familiar; small-scale projects
• •	Quite familiar; used in larger projects
• • •	Extensive knowledge

Courses

Jul–Aug '12	Summer Pre-Academic Program *CHHS, University of North Carolina, Charlotte* 115 hours
Jan '10–Jul '11	English Language Course *Cultural Norte-Americano* 120 hours

Publications

[1] Bruno Silvestre, Guilherme Salazar. *Proposta de um Modelo para o Processamento de Eventos Concorrentes no ALua.* Encontro Anual de Computação, Universidade Federal de Goiás. October 26, 2011

Associations

Apr '18–Cur	USENIX Advanced Computing Systems Association
May '16–May '17	Brazilian Computing Society
Feb '13–Cur	Alpha Lambda Delta Honor Society
Dec '11–Cur	Association for Computing Machinery

Awards

2012–2013	Dean's Honor List College of Engineering & Computing, University of South Carolina
2012	Study Abroad Scholarship Ministry of Education, Government of Brazil
2011	Best Paper Award Encontro Anual de Computação, Universidade Federal de Goiás