

GUILHERME SALAZAR

GOIÂNIA, BRAZIL

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[GITHUB.COM/SALAZAR](https://github.com/salazar)

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 [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](https://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](https://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 | 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., TELOS B AND MICA Z MOTES).
◦ MAR–SEP '11: CONCURRENT & DISTRIBUTED SYSTEMS: STUDY OF MODELS AND MECHANISMS OF COORDINATION AND COMMUNICATION IN EVENT-DRIVEN CONCURRENT AND DISTRIBUTED SYSTEMS
BOTH PROJECTS UNDER DR. [BRUNO SILVESTRE](#)

2011, 2014, 2015 | TEACHING ASSISTANT
INSTITUTO DE INFORMÁTICA, UNIVERSIDADE FEDERAL DE GOIÁS

- 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 <i>CHHS, UNIVERSITY OF NORTH CAROLINA, CHARLOTTE</i> 115 HOURS
JAN '10–JUL '11	ENGLISH LANGUAGE COURSE <i>CULTURAL NORTE-AMERICANO</i> 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

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