

GUILHERME SALAZAR

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

EDUCATION

JAN '10–JUL '16	COMPUTER SCIENCE, B.Sc <i>UNIVERSIDADE FEDERAL DE GOIÁS, BRAZIL</i>
AUG '12–JUL '13	COMPUTER SCIENCE, NON-DEGREE PROGRAM <i>UNIVERSITY OF SOUTH CAROLINA, UNITED STATES</i> <ul style="list-style-type: none">◦ UNDER FULL SCHOLARSHIP, GRANTED BY THE MINISTRY OF EDUCATION, BRAZIL◦ ALPHA LAMBDA DELTA◦ DEAN'S HONOR LIST

EXPERIENCE

JUL '17–CUR	SOFTWARE ENGINEER <i>KONG INC.</i> <p>PART OF THE TEAM THAT DEVELOPS AND MAINTAINS THE ENTERPRISE OFFERING OF <i>KONG</i>, THE WORLD'S MOST POPULAR OPEN-SOURCE API GATEWAY AND MICROSERVICES MANAGEMENT LAYER</p> <ul style="list-style-type: none">◦ DEVELOPED NEW FEATURES FOR KONG ENTERPRISE◦ MAINTAINED OUR INTERNAL TOOLING FOR PACKAGING AND RELEASING ARTIFACTS◦ OWNED A LARGE PART OF RELEASE ENGINEERING, HANDLING RELEASE PROCESSES◦ DROVE OUR TRANSITION TO BINTRAY PREMIUM, WHICH TODAY POWERS ALL OF KONG'S ARTIFACT DISTRIBUTION NEEDS
NOV '16–JUL '17	SOFTWARE ENGINEER <i>APPBASE, INC</i> <p>BUILT A DATA STREAMING PLATFORM FOR ELASTICSEARCH BASED OPENRESTY (NGINX + LUA)</p>
DEC '15–CUR	DEVELOPER <i>THE NETBSD FOUNDATION</i> <p>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., <i>BASE</i>, <i>MATH</i>, <i>IO</i>, <i>OS</i> AND DEVELOPING I/O BINDINGS TO FILE SYSTEMS AND SOCKETS. (GITHUB.COM/SALAZAR/NETBSD)</p>
OCT '15–FEB '16	SOFTWARE ENGINEERING INTERN <i>ZENEDGE, LTDA</i>
APR–AUG '15	STUDENT DEVELOPER <i>GOOGLE SUMMER OF CODE, LABLUA</i> <p>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)</p>
JAN '14–JUL '15	PROGRAMMER <i>MACRO SOFTWARES, LTDA</i> <p>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"</p>
JAN–JUL '13	PROGRAMMER <i>UNIVERSITY OF SOUTH CAROLINA</i> <p>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</p>
2011, 2012, 2014, 2015	TEACHING & RESEARCH ASSISTANT <i>INSTITUTO DE INFORMÁTICA, UNIVERSIDADE FEDERAL DE GOIÁS</i>

- 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) – 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 <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 (BEST PAPER AWARD)

ASSOCIATIONS

APR '18–CUR	USENIX – ADVANCED COMPUTING SYSTEMS ASSOCIATION
MAY '16–MAY '17	SBC – BRAZILIAN COMPUTING SOCIETY
DEC '11–CUR	ACM – ASSOCIATION FOR COMPUTING MACHINERY