

GUILHERME SALAZAR

PERSONAL

BORN on SEP 13, '91 in [GOIÂNIA](#), BR
MAIL at GMESALAZAR@GMAIL.COM
CODE at [GITHUB.COM/SALAZAR](https://github.com/salazar)

EDUCATION

AUG '12–JUL '13	COMPUTER SCIENCE, VISITING <i>COLLEGE OF ENGINEERING & COMPUTING</i> <i>UNIVERSITY OF SOUTH CAROLINA, UNITED STATES</i>
MAR '10–JUL '16	COMPUTER SCIENCE, B.Sc SOFTWARE ENGINEERING, B.Sc, DROPPED <i>INSTITUTO DE INFORMÁTICA</i> <i>UNIVERSIDADE FEDERAL DE GOIÁS, BRAZIL</i>

COURSES

JUL–AUG '12	SUMMER PRE-ACADEMIC PROGRAM <i>ENGLISH LANGUAGE TRAINING INSTITUTE</i> <i>UNIVERSITY OF NORTH CAROLINA</i> HOUR LOAD: 115 HOURS
JAN '10–JUL '11	ENGLISH LANGUAGE COURSE <i>CULTURAL NORTE-AMERICANO</i> HOUR LOAD: 120 HOURS

WORK

APR–AUG '16	PROGRAMMER <i>GOOGLE SUMMER OF CODE, LabLua</i> I/O API FOR NETBSD KERNEL LUA THE KERNEL PORT OF THE LUA LANGUAGE LACKS SOME OF THE LIBRARIES AVAILABLE IN USER SPACE LUA, SUCH AS THE STANDARD 'io', 'os', AND 'math' MODULES. SUCH MODULES ARE NOT FREESTANDING; THEY RELY ON THE OPERATING SYSTEM TO PROVIDE THEIR FUNCTIONALITY. IN THIS PROJECT I PORTED LUA 'io' MODULE AND DEVELOPED A SOCKETS LIBRARY TO KERNEL LUA. SEE THE PROJECT ON GITHUB
DEC '15–CUR	PROGRAMMER <i>THE NETBSD FOUNDATION</i> MAINTAINER FOR LUA AND KERNEL LUA, THE LUA LANGUAGE PORT TO KERNEL SPACE, WHICH ALLOWS FOR KERNEL SCRIPTING IN LUA
APR–AUG '15	PROGRAMMER <i>GOOGLE SUMMER OF CODE, LabLua</i> PORT LUA TEST SUITE TO THE NETBSD KERNEL PORTED LUA TEST SUITE TO NETBSD KERNEL LUA, THE PORT OF THE LUA LANGUAGE TO KERNEL SPACE; TEST SCRIPTS HAD TO BE ADAPTED TO REMOVE DEPENDENCIES FROM FLOATING-POINT NUMBERS AND PARTS OF LUA'S STANDARD LIBRARIES HAD TO BE REIMPLEMENTED USING KERNEL INTERFACES. SEE THE PROJECT ON GITHUB

JAN '14–JUL '15	PROGRAMMER <i>MACRO SOFTWARES, LTDA</i> DEVELOPED AN ANDROID APP FOR PACKAGE DELIVERY MANAGEMENT. THE APP DISPLAYS THE INFO OF EACH PACKAGE, SUCH AS RECIPIENT AND ADDRESS. THE COURIER CAN ATTACH OBSERVATIONS IN TEXT, AUDIO, TAKE PICTURES, CHANGE THE STATUS OF A PACKAGE, ETC. THE APP ALSO HAS A MESSAGING MODULE, ALLOWING COURIERS TO COMMUNICATE AMONG THEMSELVES AND WITH A DISPATCHER. THE APP IS HOSTED ON GOOGLE PLAY
JAN–JUL '13	PROGRAMMER <i>COLLEGE OF ENGINEERING & COMPUTING, UNIVERSITY OF SOUTH CAROLINA</i> DEVELOPMENT OF A GAE APP FOR USC'S MEDICAL SCHOOL. UNDER DR. JOSÉ VIDAL
SEP '11–JUL '12	RESEARCH ASSISTANT <i>REDE NACIONAL DE ENSINO E PESQUISA</i> STUDY, EXPERIMENTATION, AND EVALUATION OF IP STACK IMPLEMENTATIONS FOR LOW-POWER DEVICES (E.G., TELOS B AND MICA Z MOTES). SEE THE PAGE OF THE MAIN PROJECT. UNDER DR. BRUNO SILVESTRE
MAR–SEP '11	RESEARCH ASSISTANT <i>INSTITUTO DE INFORMÁTICA, UNIVERSIDADE FEDERAL DE GOIÁS</i> <i>SUPPORTING THE DEVELOPMENT OF CONCURRENT AND DISTRIBUTED SYSTEMS</i> STUDY OF MODELS AND MECHANISMS OF COORDINATION AND COMMUNICATION IN EVENT-DRIVEN CONCURRENT AND DISTRIBUTED SYSTEMS; THE USE OF LUA IN THE DEVELOPMENT OF HIGHER-LEVEL CONCURRENCY ABSTRACTIONS. UNDER DR. BRUNO SILVESTRE
2011, 2014, 2015	TEACHING ASSISTANT <i>INSTITUTO DE INFORMÁTICA, UNIVERSIDADE FEDERAL DE GOIÁS</i> MAR–JUL '15: FORMAL LANGUAGES AND AUTOMATA MAR–JUL '14: OPERATING SYSTEMS AUG–DEC '11: SOFTWARE CONSTRUCTION

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–CUR	BRAZILIAN COMPUTING SOCIETY
DEC '15–CUR	THE NETBSD FOUNDATION
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

SKILLS

» C	...	» TEX	.	» VAGRANT	..
» LUA	...	» SQL	..	» GIT	..
» JAVA	..	» ANDROID	..	» GITHUB	..
» PYTHON	..	» GAE	..	» SVN	.
» JAVASCRIPT	..	» GNU/LINUX	...	» CVS	.
» NESC	.	» NETBSD	..	» BR PORTUGUESE	..
» HTML/CSS	..	» WINDOWS	.	» US ENGLISH	..

- . FAMILIAR; SMALL-SCALE PROJECTS
- .. QUITE FAMILIAR; USED IN LARGER PROJECTS
- ... EXTENSIVE KNOWLEDGE