

GUILHERME SALAZAR

PERSONAL

BIRTH: 13 SEPTEMBER 1991 — GOIÂNIA, GOIÁS, BRAZIL
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EDUCATION

AUG '12—JUL '13	COMPUTER SCIENCE, VISITING <i>COLLEGE OF ENGINEERING & COMPUTING</i> UNIVERSITY OF SOUTH CAROLINA, UNITED STATES
AUG '11—JUL '16	COMPUTER SCIENCE, B.Sc <i>INSTITUTO DE INFORMÁTICA</i> UNIVERSIDADE FEDERAL DE GOIÁS, BRAZIL
MAR '10—AUG '11	SOFTWARE ENGINEERING, GOT TOO BORED AND MOVED TO CS :) <i>INSTITUTO DE INFORMÁTICA</i> UNIVERSIDADE FEDERAL DE GOIÁS, BRAZIL

COURSES

JUL—AUG '12	SUMMER PRE-ACADEMIC PROGRAM <i>COLLEGE OF HEALTH & HUMAN SERVICES</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
OCT '10	AGGREGATION OF SOFTWARE ENGINEERING EXPERIMENTS <i>INSTITUTO DE INFORMÁTICA</i> <i>UNIVERSIDADE FEDERAL DE GOIÁS</i> Hour load: 8 hours
OCT '10	INTRODUCTION TO METRICS AND MEASUREMENT OF SOFTWARE <i>INSTITUTO DE INFORMÁTICA</i> <i>UNIVERSIDADE FEDERAL DE GOIÁS</i> Hour load: 8 hours
OCT '10	PARALLEL PROGRAMMING IN CUDA <i>INSTITUTO DE INFORMÁTICA</i> <i>UNIVERSIDADE FEDERAL DE GOIÁS</i> Hour load: 10 hours

WORK EXPERIENCE

DEC '15—CUR	<p>VOLUNTEER DEVELOPER <i>THE NETBSD FOUNDATION</i> WORKS WITH KERNEL LUA, THE PORT OF THE LUA LANGUAGE TO KERNEL SPACE; CURRENTLY, AIMS TO BRING USER LEVEL LUA STANDARD LIBRARIES TO KERNEL SPACE</p>
MAY—AUG '15	<p>SOFTWARE DEVELOPER GOOGLE SUMMER OF CODE, GOOGLE INC., LABLUA PORT LUA TEST SUITE TO THE NETBSD KERNEL UNDER LOURIVAL VIEIRA NETO</p>
MAR—JUL '15	<p>TEACHING ASSISTANT — FORMAL LANGUAGES AND AUTOMATA INSTITUTO DE INFORMÁTICA, UNIVERSIDADE FEDERAL DE GOIÁS UNDER DR. MÁRCIA CAPPELLE</p>
MAR—JUL '14	<p>TEACHING ASSISTANT — OPERATING SYSTEMS INSTITUTO DE INFORMÁTICA, UNIVERSIDADE FEDERAL DE GOIÁS UNDER DR. RICARDO ROCHA</p>
JAN—JUL '13	<p>SOFTWARE DEVELOPER COLLEGE OF ENGINEERING & COMPUTING, UNIVERSITY OF SOUTH CAROLINA DEVELOPMENT OF A GAE APP FOR USC'S MEDICAL SCHOOL UNDER DR. JOSÉ M. VIDAL</p>
AUG—DEC '11	<p>TEACHING ASSISTANT — SOFTWARE CONSTRUCTION INSTITUTO DE INFORMÁTICA, UNIVERSIDADE FEDERAL DE GOIÁS UNDER DR. FABBRIZIO SOARES</p>

RESEARCH EXPERIENCE

SEP '11—JUL '12	<p>RESEARCH ASSISTANT <i>REDE NACIONAL DE ENSINO E PESQUISA</i> <i>BUILDING SMART CITIES: FROM THE INSTRUMENTATION OF ENVIRONMENTS TO THE DEVELOPMENT OF APPLICATIONS</i> JOINT EFFORT OF 18 BRAZILIAN UNIVERSITIES, THIS PROJECT AIMS AT BUILDING AN INFRASTRUCTURE OF IMPLEMENTATION, COMPUTATION, AND COMMUNICATION FOR THE VIABILIZATION OF SMART CITIES. IN PARTICULAR, MY MAIN TASK WAS TO STUDY, EXPERIMENT, AND EVALUATE IMPLEMENTATIONS OF THE IP STACK FOR LOW POWER DEVICES (I.E., WIRELESS SENSOR NETWORK NODES). DR. BRUNO O. SILVESTRE</p>
MAR—SEP '11	<p>RESEARCH ASSISTANT <i>UNIVERSIDADE FEDERAL DE GOIÁS</i> <i>SUPPORTING THE DEVELOPMENT OF CONCURRENT/DISTRIBUTED SYSTEMS</i> STUDY OF ALTERNATIVE MODELS AND MECHANISMS OF COORDINATION AND COMMUNICATION IN EVENT-DRIVEN CONCURRENT/DISTRIBUTED SYSTEMS; INVESTIGATION OF THE CONTRIBUTION OF DYNAMIC PROGRAMMING LANGUAGES (E.G., LUA) IN THE DEVELOPMENT OF HIGHER-LEVEL CONCURRENCY ABSTRACTIONS. DR. BRUNO O. SILVESTRE</p>

PUBLICATIONS

- [C1] BRUNO SILVESTRE AND GUILHERME SALAZAR. PROPOSTA DE UM MODELO PARA O PROCESSAMENTO DE EVENTOS CONCORRENTES NO ALUA. IN *ANNALS OF ENACOMP*, CATALÃO, GO, 2011.

ASSOCIATIONS

DEC '15—CUR	THE NETBSD FOUNDATION http://www.netbsd.org/~salazar
FEB '13—CUR	ALPHA LAMBDA DELTA HONOR SOCIETY INITIATED AT THE UNIVERSITY OF SOUTH CAROLINA, COLUMBIA, ON FEBRUARY 11, 2013
DEC '11—CUR	ASSOCIATION FOR COMPUTING MACHINERY http://member.acm.org/~gmesalazar

AWARDS

'12—'13	DEAN'S HONOR LIST COLLEGE OF ENGINEERING & COMPUTING, UNIVERSITY OF SOUTH CAROLINA
'12	STUDY ABROAD SCHOLARSHIP MINISTRY OF EDUCATION, GOVERNMENT OF BRAZIL
'11	BEST PAPER AWARD ENCONTRO ANUAL DE COMPUTAÇÃO, UNIVERSIDADE FEDERAL DE GOIÁS

TOOLS

SOME TOOLS I'VE USED OR REGULARLY USE:

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

- SOME FAMILIARITY, SMALL-SCALE PROJECTS AND ASSIGNMENTS
- • IMPLEMENTATION-SPECIFIC EXPERIENCE
- • • QUITE FAMILIAR, USED IN LIMITED SETTINGS AS PART OF LARGER PROJECTS
- • • • EXTENSIVE KNOWLEDGE

Misc

A LOT OF STUFF INTEREST ME. OPEN-SOURCE SOFTWARE IS ONE OF THEM. I'M BY NO MEANS A FANATIC, BUT I BELIEVE OPENNESS—NOT ONLY IN SOFTWARE—CAN LEAD TO A BETTER WORLD. I LOVE COMPUTER SCIENCE AND AM FASCINATED BY PROGRAMMING. PROGRAMMING IS THE ART OF EXPRESSING *UNCERTAINTY* BY *CERTAIN* MEANS. I'M IMPRESSED BY PHILOSOPHY, ESPECIALLY PHILOSOPHY OF MATHEMATICS AND LOGIC; WE TEND TO SEE MATH AS A FLAWLESS ENDEAVOR, WHILE PHILOSOPHY SHOWS US THE OPPOSITE—VIDE THE *QUEST* FOR CERTAINTY THAT LED TO THE BASIS OF COMPUTER SCIENCE. I LOVE LEARNING AND DOING *MEANINGFUL* WORK. OH, I ALSO HAPPEN TO ENJOY THE GRACIOUS TASTES OF HOPS WITH MALTED BARLEY.