Guilherme Salazar

Personal Data

Birth: 13 September 1991 — Goiânia, Goiás, Brazil
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Education

2011-Present	**Bachelor's in Computer Science** *Instituto de Informática* **Universidade Federal de Goiás**
2010-2011 (interrupted)	**Bachelor's in Software Engineering** *Instituto de Informática* **Universidade Federal de Goiás**

Complementary Studies

2012-2013	Sandwich Bachelor's Program *College of Engineering & Computing* *University of South Carolina, Columbia*
2012-2012	Summer Pre-Academic Program *College of Health & Human Services* *University of North Carolina, Charlotte*
2010-2011	English Language Course *Cultural Norte-Americano* Hour load: 120 hours
2010-2010	Mini course on Parallel Programming in CUDA *Instituto de Informática* *Universidade Federal de Goiás* Hour load: 10 hours
2010-2010	Mini course on Introduction to Metrics and Measurement of Software *Instituto de Informática* *Universidade Federal de Goiás* Hour load: 8 hours
2010-2010	Mini course on Aggregation of Software Engineering Experiments *Instituto de Informática* *Universidade Federal de Goiás* Hour load: 8 hours

Work Experience

2013—2013	RESEARCH ASSISTANT *College of Engineering & Computing* *University of South Carolina* *Worked under advisement of Dr. José M. Vidal*
2012—2013	SCHOLARSHIP RECIPIENT *Coordenação de Aperfeiçoamento de Pessoal de Nível Superior* *Ministry of Education, Government of Brazil* *Grant number 6140-12-2*
2011—2012	UNDERGRADUATE RESEARCHER *Rede Nacional de Ensino e Pesquisa, RNP* *Brazil's academic Internet backbone organization* *Worked under advisement of Dr. Bruno O. Silvestre*
2011—2011	UNDERGRADUATE TEACHING ASSISTANT OF *Software Construction* *Instituto de Informática* *Universidade Federal de Goiás* *Worked under supervision of Dr. Fabbrizio M. N. Soares*
2011—2011	RESEARCH ASSISTANT *Instituto de Informática* *Universidade Federal de Goiás* *Worked under advisement of Dr. Bruno O. Silvestre*

Research Projects Details

2013—2013	RESEARCH ASSISTANT *Electronic Medical Record (EMR) application in Google App Engine* DEVELOPMENT OF A PATIENT-CENTERED ELECTRONIC MEDICAL RECORD APPLICATION IN THE GOOGLE APP ENGINE PLATFORM.
2011—2012	UNDERGRADUATE RESEARCHER *Building Smart Cities: From the Instrumentation of Environments to the Development of Applications* 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).
2011—2011	RESEARCH ASSISTANT *Supporting the Development of Concurrent/Distributed Systems* STUDY OF ALTERNATIVE MODELS AND MECHANISMS OF COORDINATION AND COMMUNICATION IN EVENT-DRIVEN CONCURRENT/DISTRIBUTED SYSTEMS, AS WELL AS INVESTIGATION OF THE CONTRIBUTION OF DYNAMIC PROGRAMMING LANGUAGES (E.G., LUA) IN THE DEVELOPMENT OF HIGHER-LEVEL CONCURRENCY ABSTRACTIONS.

Publications

[C1] Guilherme Salazar and Bruno Silvestre. Proposta de um modelo para o processamento de eventos concorrentes no alua. In *Annals of ENACOMP*, Catalão, GO, 2011.

Presentations

[P1] *Proposta de um Modelo para o Processamento de Eventos Concorrentes no ALua.* Encontro Anual de Computação, Universidade Federal de Goiás. October 26, 2011.

Honors/Awards

2011	Best Paper Award, Encontro Anual de Computação, Universidade Federal de Goiás.
2013	Alpha Lambda Delta National Honor Society, University of South Carolina chapter.

Academic Societies

2011—Current	**Student Member of the Association for Computing Machinery**
	2011—2012 Special Interest Groups on Operating Systems (SIGOPS) and Data Communication (SIGCOMM).
	http://member.acm.org/~gmesalazar

Skills & Languages

» C	• • •	» HTML/CSS	• • •	» Python	• •
» Java	• • •	» JavaScript	• •	» SQL	• •
» Lua	• •	» LaTeX	• •	» Windows	• • •
» nesC	• •	» PHP	•	» Portuguese	• • • •
» GNU/Linux	• • •	» Google App Engine	• • •	» English	• • •

•	Some familiarity, small-scale projects and assignments
• •	Implementation-specific experience
• • •	Quite familiar, used in limited settings as part of larger projects
• • • •	Extensive knowledge

Interests and Activities

Programming, Open-source Software, Linux

Psychology, Metamathematics