Guilherme Salazar

Personal Data

Birth:	13 September 1991 — Goiânia, Goiás, Brazil
email:	GMESALAZAR@GMAIL.COM | GMESALAZAR@ACM.ORG
Social:	HTTPS://GITHUB.COM/GMESALAZAR/

Education

2010—2011	(changed major) Bachelor's in Software Engineering *Instituto de Informática* **Universidade Federal de Goiás, Brazil**
2011—2015	Bachelor's in Computer Science *Instituto de Informática* **Universidade Federal de Goiás, Brazil**
2012—2013	Non-Degree Program *College of Engineering & Computing* **University of South Carolina, United States**

Supplemental Courses

2010—2010	Mini course on Aggregation of Software Engineering Experiments *Instituto de Informática* *Universidade Federal de Goiás* Hour load: 8 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 Parallel Programming in CUDA *Instituto de Informática* *Universidade Federal de Goiás* Hour load: 10 hours
2010—2011	English Language Course *Cultural Norte-Americano* Hour load: 120 hours
2012—2012	Summer Pre-Academic Program *College of Health & Human Services* *University of North Carolina* Hour load: 115 hours

Work Experience

2011—2011	Teaching Assistant — *Software Construction* *Instituto de Informática, Universidade Federal de Goiás* *Dr. Fabbrizio Soares*
2013—2013	Software Developer *College of Engineering & Computing, University of South Carolina* Development of an Electronic Health Records application in the Google App Engine platform. *Dr. José M. Vidal*
2014—2014	Teaching Assistant — *Operating Systems* *Instituto de Informática, Universidade Federal de Goiás* *Dr. Ricardo Rocha*
2015	Teaching Assistant — *Formal Languages and Automata* *Instituto de Informática, Universidade Federal de Goiás* *Dra. Márcia Capelle*

Research Experience

2011—2011	Research Assistant *Universidade Federal de Goiás* *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. *Dr. Bruno O. Silvestre*
2011—2012	Research Assistant *Rede Nacional de Ensino e Pesquisa* *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). *Dr. Bruno O. Silvestre*

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.

Academic Societies

2011—Current	Student Member of the Association for Computing Machinery http://member.acm.org/~gmesalazar
2013—Current	Alpha Lambda Delta Honor Society Iniciated as a member at the University of South Carolina, Columbia, on February 11, 2013

Honors/Awards

2011	**Best Paper Award**
	Encontro Anual de Computação, Universidade Federal de Goiás.
2012	**Study Abroad Scholarship Recipient**
	Ministry of Education, Government of Brazil
2012—2013	**Dean's Honor List**
	College of Engineering & Computing, University of South Carolina

Skills & Languages

» C	• • •	» JavaScript	• •	» GNU/Linux	• • •
» Java	• • •	» HTML/CSS	• • •	» Windows	• • •
» Lua	• •	» SQL	• •	» Portuguese	• • • •
» nesC	• •	» Android Dev	• •	» English	• • •
» Python	• •	» App Engine	• •		

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