

Sergio Morales Esquivel

Born April 14, 1989

CONTACT INFORMATION	<i>location:</i> San José, Costa Rica <i>mobile:</i> (+506) 8885-4764	<i>e-mail:</i> sergiome@gmail.com <i>online:</i> github, linkedIn
LANGUAGE KNOWLEDGE	Spanish (native) English (advanced, fluent)	
INTERESTS	Main: AI & Machine Learning, Mobile Computing, Game Development Others: Photography, Astronomy, Travel, Open/Free Software and Hardware	
EDUCATION	Instituto Tecnológico de Costa Rica ITCR, Cartago, Costa Rica <i>M.Sc., Computer Science</i> July 2011 to August 2016 <i>B.Sc., Computer Engineering</i> February 2007 to February 2011	
TECHNICAL KNOWLEDGE	Programming: C++, Haskell, Java, Lua, .NET, Obj-C, Perl, Python, UNIX Bash & others. Web Development: CSS, HTML, JavaScript, JSP, PHP, XML. SDKs & OSs: Android SDK, iOS, Arduino, GNU/Linux, Microsoft Windows, OS X. Others: AWS, T _E X (L ^A T _E X, B _I B _T E _X), version control systems (Git, Subversion), project tracking software & other common productivity packages.	
PUBLICATIONS	S. Morales and C. Jenkins. <i>Free Source Alternatives and Technology Demonstration</i> . II Congreso de Computación para el Desarrollo, 2009, ITCR, San Carlos, Costa Rica. A. Szabooba, O. Kuzelka, F. Zelezny, S. Morales and J. Tolar. <i>Prediction of DNA-binding Propensity of Proteins by the Ball-Histogram Method</i> . The 7th International Symposium on Bioinformatics Research and Applications, 2011.	
PROFESSIONAL EXPERIENCE	Growth Acceleration Partners San José, Costa Rica <i>Senior Software Engineer</i> December 2013 to Present <ul style="list-style-type: none">• Design and development of complex Android, Android Wear and iOS applications, as well as backend solutions for complex multi-tiered micro-service architectures.• Component design, development and integration for multimedia apps with audio streaming, augmented reality, geofencing and other specialized capabilities.• Collaboration in new technology research and development initiatives. Universidad Cenfotec , San José, Costa Rica <i>Professor / Lecturer</i> August 2017 to Present <ul style="list-style-type: none">• Taught Basic-Intermediate-Advanced Android Development courses. Instituto Tecnológico de Costa Rica ITCR, San José, Costa Rica <i>Professor / Lecturer, Computer Science Faculty</i> 2013 <ul style="list-style-type: none">• Lectured for two entry-level university courses for the Computer Science B.Sc. program.	

PROFESSIONAL
EXPERIENCE
(CONT.)

Cecropia Solutions San José, Costa Rica

Embedded Systems and Mobile Software Engineer

January 2013 to Present

- Software design and development of multimedia Android and iOS applications.
- Software design and development on embedded Linux Devices.
- On-site development and testing around the US.

RidgeRun Embedded Solutions Cartago, Costa Rica

Embedded Systems and Mobile Software Engineer

April 2011 to December 2012

- Software development of multiple projects on mobile embedded Linux platforms.
- Active participation in project meetings with clients around the world.

Intelligent Data Analysis Research Lab

Czech Technical University CVUT, Prague, Czech Republic

Internship at IDA Research Lab

September 2010 to February 2011

- Software development in a bioinformatics and machine learning research project .
- Regular participation in progress meetings with other researchers.
- Participation and collaboration with the CVUT International Students Club.

Instituto Tecnológico de Costa Rica ITCR, Cartago, Costa Rica

*Iberoamerican Mathematics Olympics Resource
Management Application*

February 2010 to July 2010

- Design and development of the event's registration and logistics webpage.

*Electronic Vote Project
Tribunal Supremo de Elecciones*

August 2009 to January 2010

- Design and development of voter registration application.

(SOME)
ADDITIONAL
ACTIVITIES

Independent Development

Sushi Go! Scorekeeper

May 2016

- Scorekeeping app for the popular Sushi Go! card drafting game by Gamewright.

#triviaCR

December 2013

- Interactive trivia application developed for University of Costa Rica's *Ojo Al Voto* project.

Ludum Dare Competition Entries

April & December 2012, August 2013

- Personal entries for the Ludum Dare 48-hour solo game development competitions.

ITCR Free Software Community CSL-TEC, Cartago, Costa Rica

Free Software introductory courses

February 2010 to 2012

- Gave basic FS related courses to first-level students at ITCR's computer faculty.

Panama Mini Debian Conference 2010

March 2010

- Attended "Minidebconf" in Panama, sponsored by the Debian Project.

Red Costarricense de Software Libre

Costa Rican Free Software Community RCSL, Costa Rica

II Encuentro Centroamericano de Software Libre

July 2010

II Congreso de Computación para el Desarrollo

July 2009

- Open Source Alternatives and Technologies Talk and Demonstration.