

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 Present <i>B.Sc., Computer Engineering</i> February 2007 to February 2011	
TECHNICAL KNOWLEDGE	Programming: ActionScript, C, C++, Erlang, Haskell, Java, LISP/Scheme, Lua, .NET, Obj-C, Perl, Python, UNIX shell scripting & others. Web Development: CSS, HTML, JavaScript, JSP, PHP, XML. SDKs & OSs: Android SDK, iOS, Arduino, GNU/Linux, Microsoft Windows, OS X. Others: \LaTeX (\LaTeX , \BibTeX), 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>Mobile Software Engineer</i> December 2013 to Present <ul style="list-style-type: none">• Software design and development of multimedia Android and iOS applications.• On-site development and testing. Instituto Tecnológico de Costa Rica ITCR, San José, Costa Rica <i>Professor / Lecturer, Computer Science Faculty</i> 2013 <ul style="list-style-type: none">• Lecturing for two entry-level university courses for the Computer Science B.Sc. program. Cecropia Solutions San José, Costa Rica <i>Embedded Systems and Mobile Software Engineer</i> January 2013 to Present <ul style="list-style-type: none">• 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 <i>Embedded Systems and Mobile Software Engineer</i> April 2011 to December 2012 <ul style="list-style-type: none">• Software development of multiple projects on mobile embedded Linux platforms.• Active participation in project meetings with clients around the world.	

PROFESSIONAL
EXPERIENCE
(CONT.)

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 recognition application.

(SOME)
ADDITIONAL
ACTIVITIES

Independent Game Development

#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.

Global Game Jam Entries

January 2012, 2013, 2014

- 48-hour team-based game development marathons with other Costa Rican developers.

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

- Participation in discussion groups and other events.

Festival Latinoamericano de Instalación de Software Libre

April 2008, 2009, 2010

- Various talks and demonstrations on basic Free Software usage.

II Congreso de Computación para el Desarrollo

July 2009

- Open Source Alternatives and Technologies Talk and Demonstration.

Software Freedom Day

September 2008, 2009

- Talk on Free Software alternatives to proprietary products.