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JorgeHerrera

Software Engineer, MS Computer Science

Education

2015 - 2017   **Master's of Science in Computer Science**   Texas A&M University, USA
GPA: 3.7, Graduated in Spring 2017.
Main subjects: Artificial Intelligence, Computer Vision, Sketch Recognition, Software Engineering, Mobile Applications, Computer Human Interaction.
Title of the Thesis: "Flow2Code: From hand-drawn flowchart to code execution".
Advisor: Dr. Tracy Anne Hammond.

2009 - 2013   **Bachelor's in Software Engineering**   Univ. Autonoma de Yucatan, MX
Main subjects: Software Engineering, Mobile Application Development, Web Application Development, Software Design and Testing.
Title of the Thesis: "A framework for learning object composition in mobile devices".
Advisor: Dr. Victor Hugo Menendez Dominguez.

Programming

OS Preference

GNU/Linux ★★★★★
MacOS ★★★★☆
Windows ★★★★☆

Languages

Spanish ★★★★★
English ★★★★★

Experience

08/14 - Now   **Senior Mobile Developer**   Yellowme, Yucatan, México
Design, development and testing of mobile applications on both Swift for iOS (native) and java for Android (native).

08/13 - 06/14   **Software Engineer**   Naika Telecomunicaciones, Yucatan, México
Design, development and management of a notary application on Java ZK Framework.

05/13 - 07/13   **Freelance Developer & Consultant**   Comision Federal de Electricidad
Design and development of an Android Application for a census of public lights in the Southeast of México.

Achievements

10/14   **2nd Best Informatic Thesis Project in México**
ANIEI - Asociación Nacional de Instituciones de Educación en Tecnologías de la Información

05/14   **Summa Cum Laude**
Universidad Autonoma de Yucatan, México

01/14   **Outstanding Performance in Software Engineering Undergraduate Program**
EGEL Cenevel Evaluation

Certifications

10/2013	**Certified Programmer Master for Android**	Open Intelligence S.A. de C.V.
06/2013	**Certified Programmer Junior for Android**	Open Intelligence S.A. de C.V.
12/2011	**CCNA Exploration: Network Fundamentals**	Cisco Systems

Publications

J. Herrera-Camara, T.A. Hammond
Flow2Code - From hand-drawn flowchart to code execution
ACM/Eurographics Symposium on Sketch-Based Interfaces and Modeling (LA, USA), July 31, 2017

J. Herrera, V.H. Menendez, R. Aguilar
A Mobile Tool for Learning Object Composition
Congreso Internacional de Investigación de Academia Journals (Celaya, México), Nov 08, 2013

J. Herrera, V.H. Menendez
Classifying Professors of a Learning Management System using Data Mining
2o Encuentro Institucional de Educación a Distancia (Mérida, México), Nov 13, 2012

Projects

From time to time I enjoy developing applications that I find either useful or entertaining:

17track
Hybrid unofficial app of 17track.com that allows to manage and visualize the status of your packages around the world. Over 100,000+ downloads on Playstore

LigaMB, LigaVBP, LigaMP
Unnoficial Mexican, Venezuelan and Puerto Rican baseball league applications to follow play by play the events of your favorite team. Available on jorgehc.com

Correos de México, Estafeta, Multipack
Hybrid unofficial apps of tracking companies in México. Over 10,000+ downloads on Playstore