Address

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(+52) 1 9994 709582
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Programming

Languages

Spanish - Native
English - Fluent
French - Novice

Jorge Herrera

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 Development, Computer-Human Interaction.
Title of the Thesis: "Flow2Code: From hand-drawn flowchart to code execution".
Advisor: Dr. Tracy Anne Hammond.

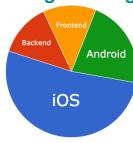**2009 - 2013** **Bachelor's in Software Engineering**   Univ. Autonoma de Yucatan, MX
Main subjects: Software Engineering, Mobile Application Development, Web Application Development, Software Design and Testing.
Title of the Thesis: "A framework for learning object composition in mobile devices".
Advisor: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

Experience

08/14 - Now **Senior Mobile Developer**   Yellowme, Yucatan, México
Design, development and testing of mobile applications on both iOS (Swift) and Android (java). Some of the projects: Enso (iOS), Semple (iOS), Finbe (iOS/Android), Wawa (iOS), Oovvuu (Web), Fitany (iOS).

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

Skills

Mobile
iOS (Swift), Android (Java), React Native.

Backend
Java - Nodejs - PHP - Mysql - Sqlite - Nodejs - MongoDB - Mysql - Postgresql - SQLite - Express- REST- Yii

Frontend
React Js-JQuery- Bootstrap -HTML -CSS

DevOps
Heroku - Git - Appcenter

Project Management methods
Scrum - PSP - Kanban

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