



JOSÉ SEBASTIÁN ESTRELLA OJEDA

FULL STACK WEB
DEVELOPER

PROFILE

I am a full stack web developer with a diverse array of knowledge in many front end and back end technologies, responsive frameworks and databases. I love being in continuous learning as well putting into practice what I have learned.

CONTACT

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WORK EXPERIENCE

Full Stack Web Developer @ Swiff Technologies, Inc. New York, US.

January 2018 – March 2019

- Development of a Progressive Web App (UpHope app) to show information on programs for vulnerable people (**Angular 5**). URL: <https://www.uphope.co>
- Development of a REST service to provide data to UpHope app (**NodeJS**, MongoDB, Mongoose, JWT, AWS, SocketIO).
- Development of an app to show information, chat and post programs for vulnerable people (**React Native**). URL:
<https://itunes.apple.com/us/app/uphope/id1413998365?mt=8>
<https://play.google.com/store/apps/details?id=com.openhandsnyc.hopen>

Software Engineer @ Group of Telecommunications and Systems Networks (ARTS) of CICESE

February 2016 – December 2017

- Development of a module to graphing data of an electrocardiogram in real time. (**Java**).
- Development of an application to display coastal buoys, plus of a module for graphing scientist's data (In Web with **HTML**, **CSS3**, **javascript** and libraries as **Leaflet.js** and **Dygraph.js**).
- Development of an app for **android** (a-Prevenir) to display the history of medical measurements and display the number of steps of users.
- Development of a REST service to provide data of users (medical measurements) using **NodeJS**.
- Development of a web app to display the history of medical measurement.

Research projects

August 2014 – December 2015

- Development of a video game to promotes exercise in elderly as part of master thesis. The video game is adaptable to physical capabilities of older adults. Development in **C#** with XNA

CONFERENCE PARTICIPATION

Third forum for information
security

CICESE Research Center,
Ensenada, Mexico.

November 2017

Google I/O
Google Complex, San
Francisco, US.
May 2017

September 2012 – August 2013

- Parallelization of an adaptive method to retrieval of images using programming at GPU as part of my thesis of degree. Development in C++ with CUDA.

EDUCATION

Master's in Computer Science @ CICESE Research Center

2013 – 2016

Bachelor's in Computer Science @ University of Yucatan
2008 – 2013

SKILLS

- Use of system of control version git (Github and Bitbucket).
- Systems engineering process
- Front end: CSS3, HTML5, Javascript
- Frameworks: Angular, React Native, Bootstrap.
- Backend: NodeJS, SocketIO.
- Databases: MySQL, MongoDB.
- Tools: Atom, Android Studio, XCode, Visual Studio Code.

INTERESTS AND HOBBIES

- Soccer
- Open Source (<https://github.com/joseestrella89>)
- Stack Overflow: 31 points
(<https://stackoverflow.com/users/4015936/jose-estrella>)