



## JOSÉ SEBASTIÁN ESTRELLA OJEDA

FULL STACK WEB  
DEVELOPER

### PROFILE

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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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Ensenada, Baja California  
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### WORK EXPERIENCE

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#### 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

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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

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**Master's in Computer Science @ CICESE Research Center**

2013 – 2016

**Bachelor's in Computer Science @ University of Yucatan**

2008 – 2013

## SKILLS

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- 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

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