



## WORK EXPERIENCE

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

January 2018 – date

- 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, ExpressJS, MongoDB, 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>

## 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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### 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 and Express.
- 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.
- Databases: MySQL, Mongo.
- Tools: Atom, Android Studio, Xcode, Visual Studio Code.

## INTERESTS AND HOBBIES

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