

## EDUCATION

### UC San Diego

**B.A. International Business,  
Computer Science, HCI**  
2014-2018

**M.I.A. International  
Management (Joint Program)**  
2017-2019

### Relevant Courses

Software Engineering, Machine Learning, Design, Algorithms, Data Structures, Applied Statistics, Organizational Leadership, Corporate Strategy.

## SKILLS

### Programming

C++, Java, Flutter, Javascript, CSS.

### Data Analytics

STATA, Python.

### Design

Focus on rapid prototyping, lean startup methodology and interaction design.

## EXPERIENCE

### QuickCarl - Startup Software Engineer

Developed and designed UI for a mobile app that connects professionals with customers via video chat.  
December 2018 - Present

### Global Ties - Baja Solar Project Coordinator

Increased life-span of solar powered water heaters by 80% by implementing an Arduino data collection process. Collaborated with stake-holders and engineers on a weekly basis. Led a team of over 20 engineers.  
October 2017 - June 2018

### Cruz Roja - EMS Tracker Software Engineer

Developed a mobile app to cut down on ambulance dispatch time in developing countries. Application used by ~50 ambulances and the Tijuana Cruz Roja Hospital.  
October 2017 - Present

## PROJECTS

### EMS Tracker - Data Collection Machine Learning

Developing k-means clustering algorithm to detect patterns in emergency response locations.  
October 2018 - Present

### Party Planning App Android Developer

Developed back-end and front-end for a mobile app that used a crowd-sourcing method of organizing parties.  
Fall 2016

## LEADERSHIP & AWARDS

### MAE 154 Head Teaching Assistant

Revamped Capstone Design Curriculum to focus on HCD and rapid prototyping. Leading weekly labs and lectures on human-centered design principles and lean startup methodology. Teaching students to use C++.  
December 2018 - Present

### Clinton Global Initiative University Exchange Finalist

Cruz Roja EMS Tracker Team chosen from 1000+ CGIU convention finalists to speak at an exclusive poster session.  
October 2018