

Ruben Marin

SOFTWARE ENGINEER • FULL STACK DEVELOPER

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Experience

Tendigi

Brooklyn, NY

WEB DEVELOPER - FULL STACK

Oct. 2018 - August 2019

- Worked directly under CTO on various iOS development projects
- Developed RESTful APIs for iOS apps using Node.js, Hapi, and Express
- Built and maintained databases using MongoDB
- Developed Admin Panel web app using ReactJS
- Implemented caching to optimize GraphQL requests
- Implemented Sentry error tracking and Unit Testing for API requests

CSULB Foundation

Long Beach, CA

RESEARCH ASSISTANT - JAVASCRIPT DEVELOPER

May. 2017 - Jan. 2018

- Worked under Dr. Birgit Penzenstadler on Resilient Smart Garden project.
- Developed backend to automated smart garden using NodeJS and Express.
- Developed database to collect data over 3 months for analysis using MongoDB.
- Created API endpoints that received HTTP requests from embedded system
- Worked on building iOS application that interfaced with the hardware/database
- Deployed on AWS using EC2 services
- Contributed to research paper that was published in sustainability journal

HSI - STEM

Long Beach, CA

RESEARCH ASSISTANT - PHP DEVELOPER

Jun. 2015 - Oct. 2016

- Worked under Dr. Mehrdad Aliasgari on CensorBusters project(Internet Circumvention Tool)
- Wrote a PHP script that automated email responses when user sends email to specific email address
- Implemented regular expressions to differentiate various email headers(new/existing user).
- Email script handles HTTP requests to backend server and generated a JSON web token to be sent back to user automatically

Education

California State University, Long Beach

Long Beach, CA

B.S. IN COMPUTER SCIENCE

Aug. 2015 - May. 2018

Graduated May 2018

Skills

PROGRAMMING LANGUAGES:

JavaScript • Python • Java • PHP • Ruby • C++

WEB TECHNOLOGIES:

NodeJS • Express • React • HTML • CSS • Bootstrap • GraphQL • Rails

DATABASES:

MongoDB • LevelDB • MySQL • PostgreSQL

MISCELLANEOUS:

Linux System Administration • Amazon Web Services(AWS) • Unit Testing • Docker

Publications

Penzenstadler B, Khakurel J, Plojo CJ, Sanchez M, **Marin R**, Tran L. "Resilient Smart Gardens—Exploration of a Blueprint." Sustainability. 2018; 10(8):2654.