Ruben **Marin**

SOFTWARE ENGINEER · FULL STACK DEVELOPER

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Experience

Tendigi   *Brooklyn, NY*

WEB DEVELOPER - FULL STACK   *Oct. 2018 - Present*

- Worked directly under CTO on various iOS development projects
- Developed RESTful APIs for iOS apps using Node.js, Hapi.js, 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 recently 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)
- Programmed a PHP script that automated email responses when user sends email to specific address
- Required use of regular expressions to differentiate 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.