Trixie Anne Roque

Los Angeles, CA | euqor00@gmail.com | (323) 547-3780

EDUCATION

Loyola Marymount University   **Los Angeles, CA**
Bachelor's of Science in Computer Science; Applied Mathematics Minor   May 2017
GPA: 3.82

EXPERIENCE

Radii Robotics   **Irvine, CA**
Software Engineering Part-Time Contractor   06/2017 – present
- Set up a peer-to-peer connection protocol between a drone and a browser
- Develop the interface for controlling drone flight
- Provide wiring diagrams for the next stages of the prototype

Rink Social Challenges LLC   **Los Angeles, CA**
Software Engineering Intern   02/2017 – 06/2017
- Develop the user interface for the iOS application
- Debug problems with the existing application using Xcode

Loyola Marymount University Computer Science Department   **Los Angeles, CA**
Computer Science Teaching Assistant   08/2014 – 05/2017
- Helped underclassmen with debugging projects, mostly in Java and JavaScript
- Created testing suites to automate grading
- Explained key data structures and algorithms concepts

Loyola Marymount University Dahlquist GRNmap Team   **Los Angeles, CA**
Research Assistant/Lead Developer   01/2015 – 05/2017
- Refactored script-based MATLAB code to be more object-oriented
- Improved visualization of the modeling application
- Created testing framework for easier debugging
- Implemented a more efficient data structure to better accommodate laboratory data
- Provided code-walkthroughs to new developers

PROJECTS

ease – fall detection IoT device   2017
- Wrote API layer using ES6 to send data from device to AWS-hosted Postgres database
- Developed the mobile application user interface using React-Native

Markit – web/mobile application for buying/selling items between colleges   2016
- Developed the iOS interface using Swift3
- Led the iOS dev team during scrums
- Assisted other members with using the Firebase backend

SKILLS

Coding: Java, JavaScript, HTML, CSS, MATLAB, React/React-Native, Python, Swift
Technologies/Environment: Windows, Linux, Unix, Git/GitHub, Postgres, Node
Methodologies: Test-driven development

LINKS

GitHub: github.com/trixr4kdz   **LinkedIn:** linkedin.com/in/trixie-roque