Devin Mui

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Objective - Summer software engineering internship or position

Awards

A Novel Device to Prevent Drivers From Texting While Driving - An Android application which prevented drivers from texting while driving by locking their phones when driving at a high speed
- Used Android API track speed and location of the user
- 4th Place in Alameda County Science and Engineering Fair, March 2015

Lata Wata Data - An Arduino based Internet of Things hack built to save farmers' water and record agricultural water usage data better
- Used Arduino C/C++ to read and send data to a Postgresql database
- Used Ruby on Rails to create an API to interact with a Postgresql database
- Used Python to manage and analyze data from the database
- Created accurate water moisture sensors
- Runner up in Water/Energy Nexus Hackathon, August 15 - 16, 2015

Projects/Experience on GitHub (https://www.github.com/devinmui)

BeHeard - An application which allows rape victims to connect and educate and reshape social norms (built at CHIMEHACK 2)
- Used Parse to create a backend for storing data
- Used Android API to create the front end and a MVP within 30 hours

RapiFlash - A device which sends flood data/water levels from rivers to a server and sends data to other devices such as iPhones and Androids through an API
- Used Ruby on Rails to construct an API to interact with a Postgresql database
- Used Ruby and Python to create API wrappers
- Created Arduino circuits to analyze water levels

Education/Activities

Dublin High School (Class of 2018) - 3.67 GPA

Dublin Robotics Club (2014 - Present) - Lead full stack web developer