

Devin Mui

hackathons are my life

✉ Email: devinmui@yahoo.com

☎ Phone: 925.833.3300

in LinkedIn: <https://www.linkedin.com/in/devinmui>

8151 Village Parkway, Dublin, CA

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

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
- Used Arduino and created circuits to analyze water levels
- Won Best Use of Data in Dublin High School's Engineering Entrepreneurship Competition

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

Airtar - Air guitar but in real life (built at HackingEDU)

- Implemented Thalmic Lab's Myo armband SDK in a few hours with no prior experience
- Used SFML to produce sounds within the program as the user strums his/hers arms
- Implemented Leap Motion's SDK with no prior experience to be used for changing the pitch of the guitar

Activities

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

- Used technologies such as Node.js, Express, Python, and HTML/CSS to build the club's website
- Taught beginning programming with Ruby or Python to new club members