# Devin Mui

**hackathons are my life**

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**Objective** - Summer software engineering internship or position

## Skills

Ruby, Ruby on Rails, Java, Android API, Python, C++, SQL, PostgreSQL, MongoDB, Node.js, Express.js

## Awards

**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

## Work on GitHub (https://www.github.com/devinmui)

**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

## Education/Activities

**Dublin High School (2014 - Present)**
- Principles of Engineering
- Intro to Engineering Design
- French

**Colleges of Choice**
- Stanford
- UC Berkeley
- SJSU

**Major of Choice:** Computer engineering

**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