

# VIVEK VINODH

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Living in Riverside, CA

## Experience

### FLL/FTC | Technical Judge

December 2013 – Present | Riverside, CA

As a technical judge, I would review the engineering aspects of their robots, including the code and design. I would also interview team members on their contributions to the project and their understanding of what they did.

### Hacker.Fund | Mentor

November 2014 – Present | California

As a mentor, I attend high school hackathons and mentor students on the ins and outs of hacking. I primarily help with Android, iOS, and hardware; but also answer general questions

### Santa Monica College | Computer Lab Assistant

June 2014 – August 2014 | Santa Monica, CA

I would assist new students in setting up their school accounts as well as assisting students and professors with specialized lab software.

### Tempus Apparel | Web Developer

December 2013 – Present | California

Set up a website using a custom Wordpress theme. Also set up e-commerce through WooCommerce and Stripe. Currently, I update the site with new content and products.

## Technical Projects

### Trendsetter | HackSC

November 2014 – Present | Los Angeles, CA

As a hackathon project, my team of 4 created an app that acts as a Tinder for ideas, matchmaking people who like similar ideas. I worked on the iOS app.

### Misfire | SB Hacks

October 2014 – Present | Santa Barbara, CA

Exploited a vulnerability in the Tinder API to perform a man-in-the-middle attack. Creates a bot that acts as a relay for two people who think they are talking to a person. I worked on the backend and exploiting the API. Currently creating an iOS and Android app for release.

### MicroMouse | UCR

December 2014 - Present | Riverside, CA

Built a MicroMouse with a team from the ground-up. Worked on integrating range sensors with microcontroller as well as implementing flood-fill algorithm.

### Mobile App | HackingEDU

In Progress | Riverside, CA

Creating the mobile app for the HackingEDU hackathon in October. Working with a team including 3 other developers. Android and iOS.

## Education

### University of California, Riverside

Bachelor of Computer Science

Exp. Graduation: June 2017

### Relevant Coursework

Data Structures & Algorithms | Discrete Structures | Machine Organization and Assembly Language

## Skills

### Programming

C Family | Obj-C/Swift |  
Java | JavaScript | Python |  
PHP | HTML & CSS

### Software/Tools

Git | Vim | Atom |  
XCode | Android  
Studio

### Hardware

Microcontrollers | Power  
IR Sensors | Motor Chips  
Stepper Motors

## Activities

Director at Citrus Hack

Webmaster for HackCC

Organizer for HackingEDU

IEEE @ UCR | ACM @ UCR

Researcher – Stanford HCI Group