

VIVEK VINODH

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310.909.9948

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 and iOS, 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 and Android 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 the bot. I worked on the backend and exploiting the API.

MicroMouse | UCR

In Progress | Riverside, CA

Currently building a MicroMouse from the ground-up for competition. Working on creating C libraries for STM32F4 micro processor and integrating it into a microcontroller. Also mapping hardware for the MicroMouse.

Display Board | UCR

In Progress | Riverside, CA

Using a Microsoft Kinect to control information on a TV. Creating the slides using JavaScript and Reveal.JS.

Education

University of California, Riverside

Bachelor of Computer Science

Exp. Graduation: June 2017

Minor in Nanotechnology

Relevant Coursework

Logic Design | Discrete Structures |

Machine Organization and Assembly Language

Skills

Programming

C Family | 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

Board Member for Citrus Hack

Technical Coordinator for HackingEDU

IEEE @ UCR | ACM @ UCR

Honor

Highlander Scholarship, 2013 - Present