

# KENNY WIBOWO

<https://wibow.io/> | [kewibowo@ucsd.edu](mailto:kewibowo@ucsd.edu) | (925) 321-2883 | Dublin, CA



## EXPERIENCE

### AMAZON

SOFTWARE DEVELOPMENT ENGINEER INTERN

- Starting June 2017

### HEWLETT PACKARD ENTERPRISE

*FORTIFY SECURITY - STATIC CODE ANALYZER*

SOFTWARE DEVELOPMENT ENGINEER INTERN

June 2016 - August 2016 | Sunnyvale, CA

- Designed and implemented an in-house JavaScript code generator written in **Python**, generating all permutations of JavaScript of specified complexity, with various seeded security vulnerabilities.
- Created a **Python** application to parse and store gigabytes of QA test result data of the Static Code Analyzer.
- Deployed **MongoDB** to store parsed data, creating a **Python Flask** REST API server to enable access through various mediums.
- Full-stack **MEAN** development on designing and implementing a solution to viewing and interacting with resultant parsed test result data.

### OBRARY

SOFTWARE ENGINEERING INTERN

June 2015 - January 2016 | San Diego, CA

- Worked on a **JavaScript Node/Express** application servicing product information from multiple platforms through **REST APIs**.
- Worked heavily on a large **Angular** application wrapped in RequireJS, built to create and visualize customizable products.
- Created various prototypes utilizing **JavaScript**, **jQuery**, and **Angular** to showcase potential features of the previous two applications.

### SLAC NATIONAL ACCELERATOR LABORATORY

*INSTRUMENTATION AND CONTROLS DIVISION*

SOFTWARE ENGINEERING INTERN

June 2013 - August 2013 | Menlo Park, CA

- Designed and implemented a client and server in **Java** and **C** respectively, the client tailored to run on both mobile and stationary devices, and the server on an embedded Linux machine.
- Program modifies the strength of electromagnets that direct the positioning of SLAC's high-energy particle beam.
- Developed a network protocol in a uniform format that enabled the two programs to communicate without disruption, while utilizing UDP.

## VOLUNTEERING & LEADERSHIP

### PRESIDENT - INTERACT @ DVHS

August 2013 - June 2014 | San Ramon, CA

- Lead volunteering club at school of 170 members with a team of 14.

### WEBMASTER - INTERACT-ROTARY DISTRICT 5160

August 2011 - June 2013 | San Ramon, CA

- Created and managed two websites that link together students in school the district of over 40 schools, located from the East Bay Area to Redding.

## EDUCATION

### UC SAN DIEGO

BS IN COMPUTER SCIENCE

Expected June 2018 | La Jolla, CA

Jacobs School of Engineering

Cumulative GPA: 3.235 / 4.0

Major GPA: 3.556 / 4.0

### DOUGHERTY VALLEY HS

Graduated June 2014 | San Ramon, CA

## LINKS

GitHub:// [KennyWibowo](#)

LinkedIn:// [kennywibowo](#)

Website:// [wibow.io](#)

## COURSEWORK

Software Engineering

Advanced Data Structures

Design & Analysis of Algorithms

Systems Programming

Unix Tools & Scripting

Digital Circuits & Systems

## SKILLS

### PROGRAMMING

Over 5000 lines:

Java • JavaScript • Python

Over 1000 lines:

C • C++ • CSS • HTML

Familiar:

ARM Assembly • MongoDB • MySQL •

Bash/Shell

### FRAMEWORKS/PLATFORMS

Node.js • AngularJS • jQuery • Android •

Embedded Systems • All Major Operating

Systems

## NOTABLE PROJECTS

### Bay Area Clean Tech Competition 2012

*Second place out of 50 teams*

Solar-powered solution to a basic human need in the event of a natural disaster.

**LA HACKS 2014** - Android application,

newsfeed color-coded based on

importance.

**LA HACKS 2015** - Java Android game called Flippy.

**SD HACKS 2015** - Node/Express tool for streamlined interaction between teacher and class during lecture.