

KENNY WIBOWO

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Full Stack Engineer Seeking Internship for the Summer of 2017



EXPERIENCE

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.

LIBRARY

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.

SECOND TECHNOLOGIES

WEB CREATIVE TEAM MEMBER

June 2014 - September 2014 | San Ramon, CA

- Designed and implemented a web based strategy to help high school students engage in and supplement their learning.

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.