KENNY WIBOWO

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EXPERIENCE

AMAZON
Amazon Video
Software Development Engineer Intern
Starting June 2017 | Seattle, WA

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.