# KENNY WIBOWO

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## EXPERIENCE

### GOOGLE
*Research & Machine Intelligence*

**Software Engineer**
Starting August 2018 | SF Bay Area, CA

**Software Engineering Intern**
September 2017 - January 2018 | Mountain View, CA
- Converted a research prototype into a cloud-based scalable service.
- Implemented a highly scalable full-stack microservices architecture primarily using Java 8, ECMAScript 6, and Closure Templates, communicating via RPC.

### AMAZON.COM
*Amazon Video Direct*
**Software Development Engineer Intern**
June 2017 - September 2017 | Seattle, WA
- Designed and implemented a customer-facing solution to a business need.
- Worked on both front-end features and back-end services, mostly in Java and JSPs, on top of a custom Spring framework.

### HEWLETT PACKARD ENTERPRISE
*Fortify Security - Static Code Analyzer*
**Software Development Engineer Intern**
June 2016 - August 2016 | Sunnyvale, CA
- Created a command-line tool in Python to generate permutations of JavaScript code with nested security vulnerabilities, used to test the Static Code Analyzer.
- Designed and implemented a full-stack dashboard solution to parse and monitor gigabytes of test result data.

### OBRARY
**Software Engineering Intern**
June 2015 – January 2016 | San Diego, CA
- Worked full-stack, creating a multi-authentication platform for a customer-facing product running on Node.js.
- Worked front-end on an AngularJS platform rendering CSS 3D transformed customizable SVG elements on top of product images.

### SLAC NATIONAL ACCELERATOR LABORATORY
*Instrumentation and Controls Division*
**Software Engineering Intern**
June 2013 – August 2013 | Menlo Park, CA
- Created a low-level service in C running on an embedded computer that modifies the strength of magnets on the particle accelerator.
- Created a client in Java with redundancy over an unreliable UDP medium.

## 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
Graduating June 2018 | La Jolla, CA
Jacobs School of Engineering
Cumulative GPA: 3.246 / 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
Computer Architecture
Systems Programming
Operating Systems
Artificial Intelligence
Machine Learning
Computer Vision
Computer Graphics
Functional Programming
Computer Security

## SKILLS

**PROGRAMMING**
Over 10000 lines:
Java • JavaScript • Python
Over 1000 lines:
C • C++ • CSS • HTML • SQL
Familiar:
Assembly • MongoDB • Bash/Shell

**FRAMEWORKS/PLATFORMS**
Node.js • AngularJS • Android • Embedded Systems

## NOTABLE PROJECTS

**SD HACKS 2015** - Node/Express tool for streamlined interaction between teacher and class during lecture.
**LA HACKS 2015** - Java Android game called Flippy.
**LA HACKS 2014** - Android application, newsfeed color-coded based on importance.
**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.