

# KENNY WIBOWO

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SEEKING FULL-TIME POSITION STARTING IN THE SUMMER/FALL OF 2018.



## EXPERIENCE

### GOOGLE

*RESEARCH & MACHINE INTELLIGENCE*

#### 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 Angular JS 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 to interface with the service, ensuring transactional redundancy over an unreliable UDP-based 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

Expected 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  
Artificial Intelligence  
Machine Learning  
Natural Computation  
Operating Systems  
Functional Programming

## 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.