


# PHILLIP CHAN

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## EXPERIENCES

### Western Digital, San Jose — [Field Application Engineer Intern](#)

June 2019 - Present

- Performed failure analysis on returned Hard Disk Drive (HDD) and Solid State Drive (SSD) by examining logs, running test scripts, and utilizing other internal tools to determine root cause of drive failure.
- Analyzed and compiled weekly reports to present testing results of failed drives for Western Digital top customers.
- Collaborated with Failure Analysis, Firmware, Product, and Customer Technical Support teams on new product development and quality assurance.

### Mayfield Robotics, Redwood City — [Quality Assurance Intern](#)

June 2018 - September 2018

- Tested software releases and hardware changes to validate new features, extrapolated test results into actionable JIRA bugs, and collaborated with developers and engineers to improve the product.
- Worked in Linux environment to run various test scripts as a means of improving robot Kuri's wake word recognition.
- Debugged Kuri by logging into robots via SSH and analyzed robot logs to help identify root cause of problems.
- Managed and organized product launch project that encompassed over-the-air-updates, black box QA testing, and debugging to ensure the on-time shipment of 100+ robots.
- Collaborated across departments to manage projects ranging from robot construction and organization with the Hardware team, to preparing media ready robots for the Marketing team during Kuri's pre-launch sprints.

### Dreams for Schools, Irvine — [Appjam+ Program Mentor](#)

March 2018 - June 2018

- Directed and managed STEM projects for 25 middle school students by teaching fundamental programming concepts via app development.
- Created an Android mobile application using the Thunkable platform (won Fourth Place at the AppJam Showcase) for students to learn and implement app development techniques.
- Introduced and created an immersive STEM curriculum of rudimentary technical coding skills.

## PROJECTS/LEADERSHIP

### [Fabflix](#)

June 2018

Developed movie database web application using Java and SQL through Apache Tomcat server with Java servlets, and implemented frontend with HTML/CSS, Javascript and Bootstrap library

### [Spacetime Search Engine](#)

March 2018

Built a search engine that crawled the UC Irvine domain which used Python BeautifulSoup library to parse HTML files. Determined the relevance of a document for a given query utilizing tf-idf weighting.

Management Information Student Society—[Executive Vice President, VP Marketing](#)  
Women in Information and Computer Science —[Member](#)

## SKILLS

### Languages

Python      Java  
HTML/CSS    MySQL  
C++          Bash

### Frameworks/Libraries

Selenium      Bootstrap  
JUnit          NumPy  
Scikit-Learn    Beautiful Soup

### Softwares

Jira            Eclipse  
MySQL        Apache Tomcat  
Github        Visual Studio  
Nmap

### Operating Systems

Linux          Windows

### Cloud Platforms

Amazon Web Services

## EDUCATION

### [University of California, Irvine](#)

B.S. Computer Science, Minor

Business Management

Graduated June 2019

Honors: Dean's List - Fall'16,'17,'18

Winter'17, Spring'17,'18,'19

## AWARDS

### [Regent Scholar](#)

The most distinguished merit scholarship awarded by UCs based on academic and leadership achievement

## CERTIFICATES

### [CompTIA Security+](#)