

# LOUIS LIN

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## EXPERIENCE

### Proofpoint

Software Engineer II

Jan 2018 – Present

Sunnyvale, CA

- Developed microservices to support cybersecurity applications in real-time and at scale
- Built a portal to automate business workflows and enable researchers to analyze domain data
- Rewrote a key component of the data pipeline to reduce monthly cost by 40%

### Kohl's

Software Engineer Intern

Jun 2017 – Aug 2017

Milpitas, CA

- Created a REST API to handle single sign-on for payments, resulting in 22% faster checkout times
- Redesigned the Kohl's Social Gallery webpage to improve user engagement and accessibility

### Hewlett Packard Enterprise

Software Engineer Intern

Jun 2016 – Sep 2016

Cupertino, CA

- Modified an encryption algorithm to support non-Latin characters, which enabled the algorithm to be used on hundreds of languages and character sets
- Awarded 2nd place for best technical presentation at the intern project fair

### Step Ahead Solutions

Web Developer

Mar 2015 – Sep 2015

Cupertino, CA

- Created a web application to manage server instances from third-party cloud providers
- Took over the project from system design phase and delivered a minimum viable product

### Santa Clara University

Research Assistant

Jun 2014 – Jun 2015

Santa Clara, CA

- Developed mathematical models of power semiconductor devices using MATLAB
- Produced graphs that were included in a series of IEEE publications

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## EDUCATION

### Santa Clara University

B.S. Computer Science & Engineering

Sep 2014 – Jun 2018

Santa Clara, CA

- GPA: 3.78, Magna Cum Laude, Tau Beta Pi

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## SKILLS

- Languages: Python, Go, Javascript, SQL, HTML, CSS, Java, PHP, C++, C
- Technology: AWS, Flask, Django, Sanic, MySQL, Redis, Cassandra, Spark, AngularJS
- Tools: Git, Jenkins, Bitbucket, JIRA, Docker, Grafana, Postman, Vim