

Louis Lin

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Experience

- **Proofpoint** Sunnyvale, CA
Full Stack Developer Jan. 2018 - Present
 - Deployed web services to support domain security and protection at scale.
 - Built an internal portal for domain research, product tuning, and automating workflows.
 - Implemented a computer vision algorithm to detect customer logos in suspicious websites.
- **Kohl's** Milpitas, CA
Software Engineer Intern Jun. 2017 - Aug. 2017
 - Created a REST API to handle single sign-on for guest shoppers, resulting in estimated 22% faster checkout times.
 - Redesigned the web interface of Kohl's Social Gallery to increase user engagement and accessibility.
- **Hewlett Packard Enterprise** Cupertino, CA
Software Engineer Intern Jun. 2016 - Sep. 2016
 - Implemented a proof of concept to extend an encryption algorithm to support most modern languages.
 - Received 2nd Place Best Technical Presentation (out of 26) at the Intern Project Fair.
- **Step Ahead Solutions, Inc.** Cupertino, CA
Web Developer Intern Mar. 2015 - Sep. 2015
 - Created a web application to simultaneously manage cloud instances from multiple providers.
 - Worked directly with the CEO to gather requirements for the system design.

Projects

- **Musical Casual Creator:** Songwriting app using a predictive model to generate lyrics and chord progressions.
- **SCU Course Equivalency:** Web app for university faculty advisors to track course requirements.
- **Movie Recommendation System:** Instance-based classifier that predicts movie ratings from user data.
- **Web Cache Server:** HTTP web proxy server that caches web content requested by a browser.

Skills

- **Languages:** Python, JavaScript, Go, HTML5, CSS, Java, PHP, SQL, C++, C
- **Experience with:** AWS, AngularJS, Flask, MySQL, Django, Oracle DB, OpenCV, TensorFlow, Cassandra, Spark
- **Tools used:** Git, Jenkins, JIRA, Serverless, Subversion, Gerrit, Docker, Vim, GDB, Google Test, Postman, Jupyter

Education

- **Santa Clara University** Santa Clara, CA
B.S. in Computer Science & Engineering; GPA: 3.78 Sep. 2014 - Jun. 2018
 - **Honors:** *Magna Cum Laude*, Dean's Scholarship, Tau Beta Pi (Engineering Honor Society)
 - **Coursework:** Software Engineering, Web Infrastructure, Database Systems, Computer Networks, Operating Systems, Data Structures, Machine Learning, Compiler Construction, Computer Architecture