KEVIN LAM

San Francisco, California • 415 308 8152 • kevin.lam.cs@gmail.com • http://www.kevin-lam.github.io

Education

Master of Science, Computer Science — March 2018
University of California, Riverside — GPA 3.70

Bachelor of Science, Biochemistry — December 2013
University of California, San Diego — GPA 3.33

Skill

Languages: Java, HTML5, CSS3, Python, C, XML
Frameworks: Android, PostgreSQL, SQL, Express.js, Angular.js, Node.js, PEAN stack, Socket.io, Hadoop: Mapreduce, Bootstrap, PyQt
Tools: Git, Mercurial, Heroku, Agile

Personal Project

Restaurando — January 2016 - April 2016
Android application [**https://goo.gl/xXB5nh**]

- Developed a mobile application allowing users to store desired restaurants and, after applying additional filtering, the program can then select a dining location from the remaining choices.
- Eliminated hours spent deciding where to eat.
- Published on Google Playstore with over 300 total downloads.
- Frontend: **Java, XML**; Database: **SQLite**

StockChart — September 2017 - December 2017
Web application [**https://stock-chart-kevin-lam.herokuapp.com**]

- Built and deployed a full stack application with real-time updates. Users can view stock history via time line or make real-time changes to the chart, viewable between clients.
- Front-end: **HTML5, CSS3, Angular.js**; Back-end: **Express.js, Node.js**; Database: **PostGreSQL**; Real-time updates: **Socket.io**

Reddit Notifier — June 2018 - September 2018
Python desktop application [**https://github.com/kevin-lam/RedditNotifier**]

- Designed and developed a bot which allows users to schedule periodic Reddit search requests and receive the results as email notifications.
- Reduced detection time of Reddit post listings.
- Front-end: **Python, PyQt, MVP**; File-storage: **Pickle**

Academic Project

Twitter News Search Engine — September 2016 - November 2016
Web application

- Developed a search engine which searches through collected news Tweets given a user's query.
- Employed strategies such as BM25 similarity scoring, Term-at-a-time ranking, and Porter/K stemming to increase relevancy of search results.
- Front-end: **HTML5, CSS3**; Back-end: **Java**; Inverted Index: **Lucene, Hadoop**

Experience

CSE Department @ UC Riverside — April 2017 - March 2018
Teacher's Assistant

- Courses: Intro to Computer Science (x2), Intro to Computing (x1)
- Created and delivered lectures on programming concepts (data structures, loops) and debugging strategies (gdb, code stepping).