

KEVIN LAM

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Education	<i>Master of Science</i> , Computer Science University of California, Riverside	March 2018 GPA 3.70
	<i>Bachelor of Science</i> , Biochemistry University of California, San Diego	December 2013 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	<i>Restaurando</i> Android application [https://goo.gl/xXB5nh]	January 2016 - April 2016
	<ul style="list-style-type: none">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	
	<i>StockChart</i> Web application [https://stock-chart-kevin-lam.herokuapp.com]	September 2017 - December 2017
	<ul style="list-style-type: none">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	
Academic Project	<i>Reddit Notifier</i> Python desktop application [https://github.com/kevin-lam/RedditNotifier]	June 2018 - September 2018
	<ul style="list-style-type: none">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	
	<i>Twitter News Search Engine</i> Web application	September 2016 - November 2016
Experience	<ul style="list-style-type: none">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	
	<i>CSE Department @ UC Riverside</i> Teacher's Assistant	April 2017 - March 2018
	<ul style="list-style-type: none">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).	