

# Brandon Lo

mail@brandonkitlo.com • +1 (650) 892-8981 • brandonkitlo.com  
South San Francisco, California 94080

## TECHNICAL SKILLS

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Proficient: Python, C++, C  
Familiar: Java, x86/ARM Assembly, HTML/CSS, Javascript, R, Matlab, Mathematica  
Frameworks/Libraries: Django, Flask, SQLite3, MySQL, OpenMP, OpenCL, Heroku  
Other: Git, VMWare, Visual Studio, Android Studio

## EDUCATION

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B.S. in **Computer Science**, Oregon State University, Corvallis SEP 2016 - JUN 2018 (*Expected*)

• **GPA:** 3.67/4.00

B.S. in **Biological Sciences**, University of California, Santa Barbara SEP 2012 - JUN 2016

### Activities

- UC Santa Barbara Cycling Team – Road Travel Coordinator SEP 2015 - JUN 2016
- UC Santa Barbara Chemistry Department – Teaching Assistant SEP 2013 - JAN 2014

## PERSONAL PROJECTS

[HTTPS://GITHUB.COM/BKLO94](https://github.com/BKLO94)

### **Novel Tracking App:** Python, SQLite3, Bash

- Utilized the BeautifulSoup Python module to parse through webpages to find novels that I wanted to keep track of.
- The app allows the user to search, store, and update selected novels in a SQLite database.
- Once a new novel is found or updated, the user is sent an email through SMTP using IMAP.
- Then I used crontab to run the app hourly.

### **/r/Buildapcsales Bot:** Python, SQLite3

- Created the bot to stay up to date with API use and how Python parses through webpages.
- Used the PRAW (Python Reddit API Wrapper) to search for relevant posts and send a message to myself about a new post.
- The script ran on Heroku and updated the database every 15 minutes.

### **GoodRX Drug App:** Java

- The Android app was made during SB Hacks II with 1 other team member.
- Utilized the GoodRX API to implement a search for drug price information.
- Created an additional calendar to allow the user to keep track of their medication.

## WORK EXPERIENCE

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### **Accountant at DATABASE CORPORATION, SSF**

JUN 2016 - CURRENT

- Filed taxes and other various accounting tasks for over 50 companies using Quickbooks.
- Suggested and implemented a change in company policy to switch from paper document trail to digital copies.
- Upgraded and maintained the company's 11 workstations.
- Maintained the server which created nightly backups.

### **Payroll Specialist at PAYROLL EASY, SSF**

JUN 2015 - DEC 2015

- Distributed and processed payroll checks and deposits for over 60 companies using Pensoft software.
- Handled all changes to payroll, 401k, new hires, terminations, rate changes, PTO, garnishments, etc.
- Assisted in auditing payrolls and other client issues.