Brandon Lo

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Technical Skills

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

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

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 calender to allow the user to keep track of their medication.

Work Experience

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 workstation software.
• 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.