

Brandon Lo

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TECHNICAL SKILLS

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

EDUCATION

B.S. in **Computer Science**, Oregon State University, Corvallis SEP 2016 - SEP 2018 (*Expected*)
• **GPA:** 3.34/4.0
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 SET 2013 - JAN 2014

PERSONAL PROJECTS

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

Current JUN 2016	Accountant at DATABASE CORPORATION, SSF <ul style="list-style-type: none">• Filed taxes and other various accounting tasks for over 50 companies using Quick-books.• 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.
JUN 2015 DEC 2015	Payroll Specialist at PAYROLL EASY, SSF <ul style="list-style-type: none">• 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.