

Brandon Lo

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EDUCATION

B.S. **Computer Science**, Oregon State University **GPA: 3.72/4.00**

JUNE 2018

TECHNICAL SKILLS

Languages: Python, Java, C++, C
Frameworks/Libraries: Apache Hbase, Apache Spark, PostgreSQL, MySQL
Other: Git, Ansible, Docker, k8s, AWS, Azure, Terraform, Maven, LDAP, Kerberos

RELEVANT WORK EXPERIENCE

Cloud Engineer at SPLICE MACHINE, SF

SEPT 2018 - PRESENT

- Working on the creation, setup and testing of Big Data clusters (Hadoop, Spark, Hive ,etc.).
- Handling the build/release duties related to the public facing build artifacts and internal infrastructure.
- Solely responsible for the deploying Jenkins on kubernetes with AWS .
- Streamlining the deployment process of our on-premise build artifacts using continuous integration tools.
- Currently reducing the number of build steps of our weekly build pipeline by over 50%.

PERSONAL PROJECTS

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

Multithreaded Job Mapping App: C, Python, PostgreSQL, HTML/CSS, Javascript

- 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.

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.

/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.

PRIOR WORK EXPERIENCE

Accountant at DATABASE CORPORATION, SSF

JUN 2016 - SEPT 2018

- Filed taxes and other various accounting tasks for over 70 companies using Quickbooks software.
- Suggested and implemented a change in company policy to switch from paper document trail to digital copies.

Payroll Specialist at PAYROLL EASY, SSF

JUN 2015 - DEC 2015

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