

Summary

Results-driven student and aspiring software engineer with real world experience in Internships ranging from backend to full stack software development. Known for my outgoing and personable demeanor, I excel in business ventures while exhibiting strong passions in reliable software and collaboration. I always seek opportunities for growth and learning.

Work Experience

Computer Science Lead Teacher's Assistant – Washington University in St. Louis

*St. Louis, MO-
07/2022 to Current*

- Hosted and managed other Teacher's Assistants to create student led instruction periods
- Tailored personalized instruction for students of all levels of understanding
- Reviewed and requested specific alterations within the course structure and assignment base
- Teaching C++ and Java

Software Engineering Intern – Synopsys

*Sunnyvale, CA-
06/2023 to 08/2023*

- Developed 4 innovative features for a Ruby on Rails application
- Automated the synchronization of over 20,000 LDAP instances with a centralized SQL database
- Architected, created, containerized, and deployed a visualization application for our Kubernetes cluster's API
- Overcame the sharp learning curves of Ubuntu servers and terminals.

Full Stack Software Engineering Intern – Command Alkon

*Birmingham, AL (Remote)-
05/2022 to 08/2022*

- Consulted with 18 customers to develop novel features according to their desire
- Automated accounting processes through generation of 37 dynamic CSV exports
- Implemented novel feature to allow for data synchronization on over 4,000 user accounts
- Collaborated with international team through GitHub for large application updates

Backend Software Engineering Intern – Command Alkon

*Birmingham, AL (Remote)-
05/2021 to 08/2021*

- Developed API integration with an OCR to streamline data entry process
- Automated accounting process for 26 company specific ticket types
- Outlined 47 company specific data entry requests for existing workers

Data Entry Intern – Ruckit

*Austin, TX-
05/2019 to 08/2019*

- Collaborated with International data entry team
- Handled data degradation on over 1,764 entries
- Exposed myself to PSQL while validating financially sensitive information

Education

Washington University in St. Louis – Class of 2025

Computer Science, Finance, and Human Computer Interaction

- Magnifi: Head of software architecture & development for undergraduate startup.
- FL2021 & SP2023 - Dean's List

Skills

Languages & Framework Proficiency:

Java, Python, Ruby on Rails, Bootstrap, CSS, HTML, Slim, JavaScript, C, C++, AVR Assembly, React JS, Node JS, Express JS, Kubernetes, Semantic-UI React JS, Python Django, Flask Server, Typescript

Databases: PSQL (Postgres), MongoDB, MySQL

Deployment: Netlify, Heroku, Docker, Kubernetes

Version Control: Git, GitHub, GitLab

- API Development
- Testing and debugging
- Data Structures
- Technical Documentation
- Software Architecture

Links

Personal Website: <https://jaycebordelon.netlify.app>

LinkedIn: <https://www.linkedin.com/in/jaycebordelon/>

Hack Washu Project: <https://devpost.com/software/project-what-is-that>

Magnifi Demo (Undergraduate Start up): <https://www.youtube.com/watch?v=omSyXatmo7s>