

Summary

Results-driven student and aspiring software engineer with a proven track record of Internships ranging from backend to full stack software development Internships. Known for my outgoing and personable demeanor, I excel in business ventures while exhibiting a strong passion for building reliable software, fostering collaboration, and continuously seeking opportunities for growth and learning.

Work Experience

- 06/2023 - **Synopsys** — Sunnyvale, CA
Current **IT Intern**
- Updated and maintained a Ruby on Rails web application in a fast-paced development environment.
 - Automated the synchronization of over 3,000 LDAP instances with a centralized SQL database.
 - Created, containerized, and deployed a CI/CD Flask application using Docker and Kubernetes.
 - *Worked in:* React.js, Ruby on Rails, Ubuntu, Linux (via ssh), WSL, MySQL, Docker, and Kubernetes
- 07/2022 - **Washington University, St. Louis** — St. Louis, MO
Current **CSE 131 (Intro to CS) Teacher's Assistant**
- Hosted and managed other Teacher's Assistants to create student led instruction periods.
 - Tailored personalized instruction for students of all levels of understanding.
 - *Languages I teach:* Java & C++
- 05/2022 - **Command Alkon** — Birmingham, AL
08/2022 **Full Stack Developer Intern (Remote)**
- Consulted with 18 customers to develop novel features according to their desire.
 - Streamlined accounting processes through generation of 37 dynamic CSV exports.
 - Implemented novel feature to allow for data synchronization on over 4,000 user accounts.
 - Collaborated through GitHub for large application updates.
 - *Worked in:* Ruby on Rails, CSS, Javascript, Bootstrap, and HTML
- 05/2021 - **Command Alkon** — Birmingham, AL
08/2021 **Backend Developer Intern (Remote)**
- 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.
 - *Worked in:* Ruby on Rails
- 05/2019 - **Ruckit** — Austin, TX
08/2019 **Data Entry Intern (Remote)**
- Collaborated with International data entry team.
 - Handled data degradation on over 1,764 entries.
 - *Worked with:* PSQL & GitHub

Education

- Expected in **Washington University in St Louis** St Louis, MO
05/2025 Bachelor of Science: Computer Science & Finance
- Magnifi: Head of software architecture & development for a MERN application.
 - FL2021 & SP2023 - Dean's List

Skills

- *Programming Languages:* Java, CSS, Python, Ruby on Rails, Bootstrap, HTML, Slim, JavaScript, C, C++, AVR Assembly, React JS, Node JS, Express JS, Kubernetes, Semantic-UI React JS, Python Django
- *Database proficiency:* PSQL (Postgres), MongoDB, MySQL
- *Application deployment & management:* Netlify, Heroku, and Kubernetes, Ubuntu Servers
- *Source and Version Control:* Git, Github, GitLab
- API Development
- Testing and Debugging Software
- Performance and Scalability Optimization
- Human Computer Interaction Theory
- Technical Documentation
- Exemplary Verbal and Written Communication
- Data Structures and Algorithms
- Software Architecture
- Passion for teaching

Website & Projects

- Online Resume - <http://jaycebordelon.com>
- Magnifi Demo - <https://youtu.be/omSyXatmo7s>
- Hack WashU Project - <https://devpost.com/software/project-what-is-that>

Other Interests

- Bodybuilding: Writing and following my own workout and nutrition plans for competition.
- Self-taught Pianist: Interested in composition and music theory.
- Stock & Options trading: I spend my free time researching and trading options.