

## 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

- 06/2023 - Current   **Synopsys** — Sunnyvale, CA  
**Software Engineering Intern**
- Developed 4 innovative features for a Ruby on Rails application.
  - Automated the synchronization of over 20,000 LDAP instances with a centralized SQL database.
  - Overcame the sharp learning curves of Ubuntu servers and terminals.
  - Architected, created, containerized, and deployed a visualization application for our Kubernetes cluster's API.
  - *Worked in:* React.js, Ruby on Rails, Ubuntu, Linux (via ssh), WSL, MySQL, Flask (Python), Docker, and Kubernetes
- 07/2022 - Current   **Washington University, St. Louis** — St. Louis, MO  
**Computer Science 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.
  - Reviewed and requested specific alterations within the course structure and assignment base.
  - *Languages I teach:* Java & C++
- 05/2022 - 08/2022   **Command Alkon** — Birmingham, AL  
**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.
  - *Worked in:* Ruby on Rails, CSS, Javascript, Bootstrap, and HTML
- 05/2021 - 08/2021   **Command Alkon** — Birmingham, AL  
**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 - 08/2019   **Ruckit** — Austin, TX  
**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 05/2025   **Washington University in St Louis** St Louis, MO  
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, Flask Server
- *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.