Jayce Bordelon

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Summary

I am a results-driven student and software engineering intern with experience ranging from backend to full stack software development. I excel in a fast paced, collaborative environment while exhibiting strong passions for reliable software and innovation. I am known for my personable demeanor and eagerness to grow and learn.

Experience

Computer Science Lead Teacher's Assistant – Washington University in St. Louis
St. Louis, MO-
07/2022 to Current

- Managed 100+ other Teacher's Assistants to create student led instruction periods
- Tailored personalized instruction for students of all levels of understanding in Java and C++

Software Engineering Intern – Synopsys
Sunnyvale, CA-
06/2023 to 08/2023

- Architected, created, containerized, and deployed a visualization application for Kubernetes API
- Automated the synchronization of over 20,000 LDAP (Lightweight Directory Access Protocol) instances with a centralized SQL database
- Built rake tasks (test suites) to assure the validity of my bug fixes for Ruby on Rails API

Undergraduate Software Architect – Magnifi
St. Louis, MO-
01/2023 to 05/2023

- Led development of MERN (MongoDB, ExpressJS, ReactJS, NodeJS) app for AI driven startup.
- Created and refined matching algorithm in JavaScript to match jobs to job seekers
- Launched conversations with numerous investors through carefully crafted and executed pitches

Full Stack Software Engineering Intern – Command Alkon
Birmingham, AL (Remote)-
05/2022 to 08/2022

- Automated accounting processes through generation of 37 dynamic CSV exports
- Reworked frontend pages to add new functionality in settings console
- Implemented novel features to allow for data synchronization on over 4,000 user accounts

Backend Software Engineering Intern – Command Alkon
Birmingham, AL (Remote)-
05/2021 to 08/2021

- Developed API integration with an Optical Character Recognition (OCR) technology
- Automated accounting process for 26 company specific ticket types with Ruby scripts
- Outlined 47 company specific rules for data entry processes

Data Entry Intern – Ruckit
Austin, TX-
05/2019 to 08/2019

- Handled data integrations for over 1,764 entries
- Gained exposure to PostgreSQL queries while resolving data degradation issues

Education

Washington University in St. Louis – Class of 2025

Bachelor of Science in Computer Science, Finance, and Human Computer Interaction

- FL2021 & SP2023 - Dean's List

Skills

Languages & Web Frameworks: Java, Python Django & Flask, JavaScript, Ruby on Rails, Bootstrap, CSS, HTML, C++, ReactJS, NodeJS, Typescript

Databases: PostgreSQL, 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 Startup): https://www.youtube.com/watch?v=omSyXatmo7s