Jayce Bordelon

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EDUCATION

Washington University in St. Louis   St. Louis, MO
Bachelor of Science in Computer Science, Minor in Human Computer Interaction   *Aug. 2019 – May 2025*

EXPERIENCE

Software Engineering Intern   January 2024 – August 2024
Mastercard   *O'Fallon, MO*

- Created a deep health check common library to support the automation of spring boot health actuation for services used across the company
- Removed vestigial functionality from one of our critical OBS (On behalf of service) services resulting in an overall faster transaction processing for PIN based transactions
- Redesigned and rewrote our test repository to support automation testing resulting in a 20X faster runtime and consistent test results. 7K+ lines of code changed

Software Engineering Intern   May 2023 – August 2023
Synopsys   *Sunnyvale, CA*

- Architected, created, containerized, and deployed a visualization application for Kubernetes
- Automated the synchronization of over 20,000 *LDAP (Lightweight Directory Access Protocol)* instances
- Contributed 5K+ lines of code to an established codebase via Git
- Built rake tasks (test suites) to assure the validity of my bug fixes for Ruby on Rails API

Full Stack Software Engineering Intern   May 2022 – August 2022
Command Alkon   *Birmingham, AL (Remote)*

- Automated accounting processes through generation of 37 dynamic CSV exports
- Reworked frontend pages (in Javascript) 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   May 2021 – August 2021
Command Alkon   *Birmingham, AL (Remote)*

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

PROJECTS

Blog | *React.js, Netlify*   May 2024 – Present

- Personal blog that details both technical and personal insights into Software engineering
- Link to Project : https://jayce-blog.vercel.app/

TECHNICAL SKILLS

Languages: Javascript, Typescript, Ruby, Java, Python, HTML/CSS, PHP
Frameworks: React, Spring boot, Node, Ruby on Rails, Flask, Express.js, Bootstrap
Developer Tools: Git, GitLab/GitHub, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Databases: MongoDB, SQL, Firebase
Hosting/Deployment: Kubernetes, Docker, Jenkins, Pivotal Cloud Foundry (PCF), Netlify, Heroku, Render, AWS EC2/Lambda