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 – Present
Mastercard   *O'Fallon, MO*
- Created a health check common library to monitor and support the health of eight universal services used throughout Mastercard
- Lead architecture and rebuilt our test repository to support PIN validation in transactions
- Established a 10X faster run time for test processes in pin validation
- Constructed custom schedulers to enable constant time access for cached health across 10 different services

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 2K+ 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
- Outlined 47 company specific rules for data entry processes

PROJECTS

Blog | *React.js, Netlify*   May 2024 – Present
- Personal blog that details both technical and personal insights into Software engineering
- Link to Project : https://jayceblog.netlify.app/

Bears and Bulls | *React.js, Node.js, Tailwind, Netlify, Render*   May 2024 – Present
- Web scraping API and client to fetch real time, volatile stock picks
- Link to Project : https://bearsandbulls.netlify.app/

ORGANIZATIONS

Future Leaders of Mckelvey Engineering (FLOME)   January 2024 – Present
- *Vice president*
- Built our organization's official website using React+Vite+Tailwind: https://flome-washu.netlify.app

TECHNICAL SKILLS

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