

# Jayce Bordelon

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## EDUCATION

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### Washington University in St. Louis

*Bachelor of Science in Computer Science, Minor in Human Computer Interaction*

St. Louis, MO

Aug. 2019 – May 2025

## EXPERIENCE

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### Software Engineering Intern

*Mastercard*

January 2024 – August 2024

*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

*Synopsys*

May 2023 – August 2023

*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

*Command Alkon*

May 2022 – August 2022

*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

*Command Alkon*

May 2021 – August 2021

*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

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### 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/>

## TECHNICAL SKILLS

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**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