

Riley Champion

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EDUCATION

University of California, Irvine GPA - 3.52

June 2022

Degree: Bachelors of Science, Computer Science

Activities: Commit the Change - Developer, Marketing/Co-Tech Director of Hack at UCI, Video Game Development Club - Developer & Artist

WORK EXPERIENCE

JPMorganChase | New York, NY | Software Engineer I, Full-Stack | July 2023 - July 2024

- Collaborated with the policy team to reduce gaps in SLA compliance by **70%** through developing modals that display the number of control procedures that applications are failing or passing.
- Created warning banners for performance-critical applications without stress and load testing, resulting in a **60%** decrease in performance incidents.
- Partnered with the design team to display alerts for expiring application test evidence, improving awareness and timely action for **50,000+** developers daily.
- Supported **50+** applications during First Republic and JPMorganChase merger leading to no data loss or downtime of applications used by First Republic developers and clients.

First Republic Bank | New York, NY | Software Engineer, Developer Experience | August 2022 - July 2023

- Developed a customized CLI build and deployment tools, streamlining processes for **1000+** engineers and increasing developer productivity by **20%**.
- Enforced path-based routing for each deployment to **OpenShift** clusters, improving network efficiency and reducing domain costs.
- Coded **NewRelic** module, enabling additional observability and performance monitoring, further contributing to the overhaul from **Python** to **Golang** and modularization efforts of the firm's internal developer tool kit.
- Increased visibility of security vulnerabilities using **Aquasec**, **WebInspect**, and **Veracode** for the DevOps team's internal sample applications and devops toolkit by running daily, automated **Jenkins** cronjobs.

University of California - Irvine | Irvine, CA | Full-Stack Web Developer | March 2021 - June 2022

- Utilized **VueJS**, **PHP-Laravel**, and **MySQL** to develop a responsive web portal for **10,000+** UC Irvine students registering for graduation ceremonies, handling over **2000** requests during peak weekends.
- Launched a QR scanning check-in page, reducing student check-in time by **1 hour** and improving the efficiency of volunteer management during graduation ceremonies.
- Achieved a significant improvement in API code testing coverage, increasing from **30%** coverage to **70%** in less than a month, enhancing code reliability and maintainability.
- Designed and deployed the Volunteer HQ view to enhance staff tracking of volunteer assignments, check-in/out statuses, and profiles, resulting in streamlined volunteer management processes.

PROJECT EXPERIENCE

The Literacy Project | Irvine, CA | Commit the Change | October 2021 - June 2022

- Worked alongside a team of **15** student leaders to develop a student reading and test score application for The Literacy Project, incorporating **ReactJS**, **Node/Express**, and **PostgreSQL** technologies.
- Implemented personalized progress tracking features within the application, resulting in a **15%** increase in individual reading scores and an overall improvement of **20%** in class reading proficiency.
- Scaled admin dashboards to seamlessly add students and teachers on the fly to schools in their program.
- Provided guidance and mentorship to first-year students at UC-Irvine on **ReactJS** development techniques and frontend development fundamentals.

TECHNICAL SKILLS

Programming Languages / Tools: Python, Javascript, Typescript, Java, C, C++, VueJS, ReactJS, MySQL, PostgreSQL, Node.js, Next.js, FastAPI, Jest, Docker, Git, Bash, HTML, CSS, Laravel, Jenkins, Groovy, Datadog, Splunk, NewRelic, GraphQL, Grafana, AWS EC2, Go, MongoDB, GitHub, BitBucket, Jira, Confluence