

Justin D. Perez

SOFTWARE ENGINEER 1

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Education

University of Utah

B.S. IN COMPUTER SCIENCE

- 3.65 GPA
- Spring/Fall, 2019-2023 - Dean's List
- Spring/Fall, 2019-2023 - Honor Roll

Salt Lake City, UT

August 2019 - May 2023

Skills

Programming

Java, C#, Python, Go, JavaScript, TypeScript, AWS, GitHub, Azure DevOps, Docker, MySQL, Bootstrap, ReactJS, ASP.Net Core, Selenium Web Driver

Soft Skills

Strong leadership, communication skills, and critical thinking ability. Willing to learn new skills and am excited for new opportunities to learn.

Experience

Cox Automotive Inc

SOFTWARE ENGINEER 1

Draper, Utah

June 2023 - Current

- Developed and maintained enterprise-level security software used by multiple software teams across the company.
- Integrated security solutions with industry-leading vendors, including Veracode and Aqua.
- Designed and implemented tools that generate comprehensive security status reports for software components.
- Streamlined integration with security tools by creating simplified upload processes and efficient defect retrieval methods.
- Enhanced the overall security workflow, improving the user experience for software teams and optimizing security practices across the organization.

Wavetronix

SOFTWARE ENGINEERING INTERN

Salt Lake City, UT

March 2022 - January 2023

- Developed and maintained a C# application that simulated traffic patterns, allowing users to design intersections and optimize layouts for traffic engineers.
- Created a C# application to process traffic simulation data, generating visual representations in graph form for easier data analysis and interpretation.
- Contributed to improving traffic design processes by making complex simulation data more accessible and understandable to engineers.

Projects

Huddle Up

CORE MEMBER

Salt Lake City, UT

Aug 2022 - May 2023

- Developed a group fantasy football web application focused on enhancing the team aspect of fantasy sports.
- Utilized React for building the frontend, with Tailwind CSS and Mantine for responsive and modern styling.
- Implemented a robust backend using Node.js, leveraging TypeScript for type safety and maintainable code.
- Designed and integrated a MySQL database using Prisma ORM for efficient data modeling and management.
- Managed version control and collaborative development using GitLab, ensuring seamless integration and deployment.

Room Reserver

CORE MEMBER

Salt Lake City, UT

Aug 2022 - May 2023

- Developed a web scraper using Selenium Web Driver in JavaScript to automate daily reservations of study rooms at the University of Utah Marriott Library.
- Deployed the application on an Amazon EC2 instance for consistent and reliable automated scheduling.
- Streamlined the reservation process by automating repetitive tasks, saving time and ensuring availability of study spaces.