

Cole Simpson

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GitHub: github.com/cole22simpson **Portfolio:** https://colemsimpson.com

Projects

ShareWhere - <https://sharewheresocial.com>

Technologies used: Java, Spring Boot, React, AWS, Azure, SQL, Maven, Docker, Google Maps API

- Allows users to discover, share, and save interesting locations all over the world
- Provides a seamless experience for users to explore and contribute to a community-driven map of unique places
- Integrates Google Maps API and Geolocation API to provide location-specific content to users

Cloud architecture used: AWS EC2 instance, AWS S3 Bucket, AWS Application Load Balancer, AWS CloudFront Distribution CDN, Azure SQL Server and Database, Azure Blob Storage

Technical Skills: Java, Spring Boot, React, AWS, Microsoft Azure, Gen AI, Maven, RESTful APIs, JavaScript, Python, C++, C, SQL, HTML, CSS, Flask, MongoDB, Agile Methodology, System Design

Leadership Experience

Software Systems Teacher's Assistant

San Diego, CA

San Diego State University

August 2023 - June 2024

- Conducted detailed assessments of students' software design documents, meticulously analyzing their structure, clarity, and adherence to industry best practices
- Provided constructive feedback on work, emphasizing strengths and highlighting areas in need of improvement
- Bolstered my knowledge on life-cycle processes, software architecture, testing, requirements, and databases

Assistant Manager

San Diego, CA

Sun Diego Boardshops

March 2021 - January 2022

- Trained, mentored, and supervised a team of associates to ensure a highly proficient environment
- Strengthened my ability to manage multiple tasks by implementing strong time management techniques
- Utilized strong problem-solving skills to resolve customer issues, optimize store operations, and support staff

Work Experience

Student Researcher

San Diego, CA

San Diego State University

June 2023 - September 2023

- Participated in the development of a health application focused on the tracking of Raynaud's Phenomenon
- Explored the designs of existing health-tracking apps to pinpoint what features best fit the goals of our product
- Collaborated with fellow students and faculty members in an agile environment with bi-weekly meetings

Education

B.S. in Computer Science

San Diego, CA

San Diego State University

August 2022 - May 2024

Club Involvement: Artificial Intelligence Club - Cyber Defense Team - ELeet Coders Club - Surf Club

Full Stack Web Development Bootcamp

Online

UC Berkeley Extension

January - July 2022

- Learned full-stack web development tools like HTML, CSS, JavaScript, MongoDB, Express.js, React, SQL, GitHub, Node.js
- Completed 15 individual projects and 3 group projects focusing on numerous languages and frameworks

A.S in Science Transfer

San Diego, CA

San Diego Miramar College