

ERIN COHEN

SOFTWARE DEVELOPER

541-640-6180 | cohen.erin23@gmail.com | Springfield, OR
erinszabo.github.io | linkedin.com/in/erin-cohen-71ba17315 | github.com/erinszabo

PROJECTS

NAEP COVID Impact Analysis, *MySQL, Python*

- Analyzed NAEP LTT data to independently assess the impact of COVID resource disparities on student achievement in math and reading

Easy A Class Comparison Tool, *Python, JavaScript*

- Teamed on a web tool to help UO students find courses with historically high grades
- Built the Administrator Module with a custom Data Maintainer class to manage grade data

TECHNICAL EXPERIENCE

Agile Development

Experienced in using Git, GitHub, Bash, and Linux for efficient version control and workflow management while developing software in Visual Studio Code; consistently applied Agile development methodologies and DevOps principles throughout the software development lifecycle, leveraging tools like Docker to streamline deployment and collaboration across personal and academic projects.

Full Stack Development

Skilled in full stack development, from front-end web design with HTML, CSS, JavaScript, and UX/UI principles to backend logic using Python, Java, Flask, and Node.js, with experience building and integrating RESTful APIs and managing data with MySQL and MongoDB.

Clean Code & Testing

A strong proponent of Test-Driven Development, using tools like unittest, pytest, and nose to build reliable, well-documented code with a focus on clarity, maintainability, and scalability. Skilled in end-to-end testing, including unit, integration, regression, and test automation.

EDUCATION

B.S Mathematics and Computer Science | University of Oregon | 2024

A.S Computer Science | Central Oregon Community College | 2020

EMPLOYMENT

Math Tutor III, *Central Oregon Community College*

2019 - present

- Clarify complex mathematical concepts for hundreds of college students
- Tailor tutoring methods to individual students through CRLA certified training

Hair Stylist, *Great Clips*

2024 - present

- Ensure quality service and client satisfaction in a fast-paced environment
- Communicate effectively with clients to determine which strategies will best meet their needs

ADDITIONAL SKILLS

Languages: Python, Java, Ruby, C, JavaScript, SQL

Foundations: Data Structures & Algorithms, Time & Space Complexity, Recursion & Dynamic, Programming, Object-Oriented Programming, Discrete Math, Data Modeling & Normalization

Professional Qualities: Communication, Teamwork, Leadership, Time-Management, Critical Thinking, Detail-Oriented, Adaptable, Continuous Learner