

RYAN O'LEARY

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Education

University of Denver

- 2022 Master's in Computer Science.
- 2020 Bachelor's in English.
- 2020 Bachelor's in Applied Computing.

Turing School of Software and Design

- 2024 Front End Student
- ACCET Accredited Certificate in Software Engineering
- Built web applications in collaborative environments of 2 - 4 people utilizing Agile practices
- Received 1700+ hours of technical instruction, independent project work, and job-readiness courses/exercises
- Produced 13 group, paired, and solo projects as well as 16 coding challenges/assessments using Javascript and React

Skills

Systems/Practices: Test Driven Development, VC with Git, GitHub, Object-Oriented Programming, REST APIs, Model View Controller Architecture, Slack, DevOps processes, containerization with Docker/Kubernetes

Languages/Frameworks: Java, C++, HTML, Python, TensorFlow, SciPy, Scikit Learn, NumPy, Javascript, React

- Understands DevOps processes and containerization with Docker/Kubernetes
- Able to document any aspects of structure and design to fulfill employer needs
- Able to research, analyze, and evaluate the functions and logic behind most forms of code
- Familiar with GitHub, Slack, and other programs that promote team coordination
- Able to construct, debug, and troubleshoot programs independently if needed

Projects

- Health Equity Network Colorado.
 - Website design and team management
- Personal Study of WebGL
 - 3D rendering and modeling within web pages
- Machine learning
 - Robotic navigation and image recognition
- Panda/Jade
 - Personal experimentation
- Simple game recreations (Breakout, Pong, etc.)
 - Personal experimentation
- Healthcare Robots: Data Privacy and Security
 - Joint Report
- Conceptualized and designed several mobile website interfaces
 - Personal and student projects at Turing
- Several website mock-ups with remote data access and user interfaces, as well as various APIs and Components necessary for said mock-ups
 - Personal and student projects at Turing
- Crusty Carrots
 - Front end and back end work on a website design that displays various movie posters from a remote server and can show details on click, with sorting and search functions. Also has an alternate design, allowing users to vote on these movies.

Additional Skills: Website Design and Management: Principles of website design through HTML, Managing and optimizing consumer interactions while keeping pleasant aesthetics, Writing, Editing, Technical Writing and Editing