Matthew Anderson

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EDUCATION

Oregon State University — Corvallis, OR
Bachelor of Science in Computer Science — *Apr. 2023 – Mar. 2025*

University of Michigan — Ann Arbor, MI
Bachelor of Arts in English with Honors — *Sept. 2015 – May 2019*

PROJECTS

ClassCircles | *React, Express, MongoDB, Material UI* — github.com/gcWDev/ClassCircles
- Collaborated with teammates to design and develop a working project in limited timeframe for OSU Fall 2023 Hackathon
- Designed and developed responsive and stateful components for viewing and editing user data using React and Material UI to ensure enjoyable and efficient user experience
- Utilized cooperative workflow with Git and Github to reduce friction while working in a team structure

HikerBook | *Ruby on Rails, StimulusJS, Bulma, PostgreSQL* — github.com/mjande/hikerbook
- Leveraged StimulusJS and Bulma frameworks to create a visually appealing, responsive, and fast single-page layout for enhanced user experience
- Employed RSpec to conduct comprehensive testing, ensuring the reliability and functionality of the entire project
- Implemented robust user authentication functionality, providing a personalized and secure experience tailored to each user on the platform

Chess | *Ruby* — github.com/mjande/chess
- Developed modular and reusable classes for game entities, such as pieces, board, and player, promoting code organization and maintainability
- Applied test-driven development methodology using RSpec, ensuring code quality, reliability, and adherence to project requirements throughout the development process
- Designed and implemented a user input parsing script, utilizing Ruby to accurately interpret user commands and determine the next requested move, enhancing the user experience and gameplay flow

EXPERIENCE

Undergraduate Learning Assistant — Sept. 2023 – Present
Oregon State University — *Remote*
- Assisted in instruction for Computer Architecture and Assembly Language course by answering student questions during office hours using general programming and specific Assembly language knowledge
- Contributed to administration of course by completing grading duties involving reading different iterations of each assigned program and determining points based on code functionality, readability, and documentation
- Communicated with professors and colleagues regarding questions and discrepancies in course and grading, improving the student experience of the course overall

Server Assistant — Feb. 2023 – Present
New Holland Brewing Co. — *Grand Rapids, MI*
- Excelled in a fast-paced and dynamic restaurant environment, demonstrating agility, composure under pressure, and efficient teamwork skills

English Teacher — Aug. 2021 – June 2022
Grand Ledge Public Schools — *Grand Ledge, MI*
- Simplified complex topics to facilitate student understanding
- Communicated effectively with students, colleagues, and parents, fostering strong interpersonal relationships
- Demonstrated a strong work ethic, attention to detail, and dedication to continuous learning

TECHNICAL SKILLS

Languages: Python, JavaScript, Ruby
Frameworks and Databases: React, Express, Ruby on Rails, PostgreSQL, MongoDB
Developer Tools: Git, GitHub, VS Code, Visual Studio, PyCharm