SAMUEL DEMUTH
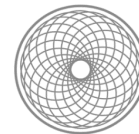
Mount Pleasant, MI
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Portfolio | LinkedIn | Github

EDUCATION AND CREDENTIALS

OREGON STATE UNIVERSITY	BACHELOR OF SCIENCE (B.S.) IN COMPUTER SCIENCE	EXPECTED MAR 2024
AMERICAN MILITARY UNIVERSITY	BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.)	COMPLETED May 2019

TECHNICAL SKILLS

JavaScript, Node.js, React.js, Express.js, Python, HTML, CSS, MongoDB, Git, REST APIs, Tailwind CSS, MySQL

PROJECTS

EXERCISE TRACKER, HTTPS://EXERCISE-TRACKER290.NETLIFY.APP　　　　　　　　　　　　JAN 2022 TO MAR 2022
- Full-stack MERN app that performs all four CRUD operations allowing the user to add, edit, and delete exercise records.
- Model-View-Controller (MVN) design pattern is used in this project, where React serves as the View, MongoDB as the model, and Express as the Controller.
- Client-side deployed using Netlify, server-side deployed using Heroku.

PORTFOLIO WEBSITE HTTPS://SAMDEMUTH.DEV/　　　　　　　　　　　　　　　　　NOV 2022 TO FEB 2022
- Created using React, Next.js, Typescript, Tailwind CSS and hosted on Porkbun
- Developed responsive and mobile-friendly design to ensure optimal experience across all devices
- Continuously maintained and updated to show up-to-date resume and projects.

MAPTY, HTTPS://GITHUB.COM/DEMUTHSA/MAPTY　　　　　　　　　　　　　　　　　AUG 2021 TO FEB 2022
- Created using HTML, JavaScript, CSS
- Client-side application that fetches geolocation and logs workouts with location, distance, time, pace and cadence on a map.
- APIs implemented are Leaflet, for map rendering, and local storage to store data entered into the browser.

HASAMI SHOGI, HTTPS://GITHUB.COM/DEMUTHSA/HASAMISHOGI　　　　　　　　　　　AUG 2021 TO NOV 2021
- Traditional Japanese chess game where two players clash on a 9x9 board with an objective of capturing all or eight of an opponent's pieces.
- Created with Python using encapsulation with the implementation of classes, methods and private data members.
- Text-based user interface that keeps track of players turn, score, valid moves, and state of game.

PROFESSIONAL EXPERIENCE

FULL STACK ENGINEER INTERN (SEI Investments Company)　　　　　　　　　JUNE 2022 – AUGUST 2022
- Acquired practical expertise by working alongside seasoned Senior Software Engineers via pair programming, backlog refinement, and code reviews to release production-ready code
- Collaborated with senior developers to deploy open source repositories, which served as the foundation for 60% of front-end initiatives
- Demonstrated proficiency in developing a knowledge transfer program titled "Tailwind", which facilitated seamless knowledge transfer from senior-level employees to replacement personnel.

ELECTRONICS TECHNICIAN (UNITED STATES NAVY RESERVES), *Active Secret Clearance*　　　JUNE 2015 TO MARCH 2022
- Operate as the command career counselor for current unit of 20 personnel and direct reports, communicating effectively and providing clear and actionable guidance and assistance.
- Offer training and mentorship for 5 direct reports with no prior experience, in qualifying Theater Anti-Submarine Warfare; provided comprehensive instruction to ensure new personnel were well-equipped to excel in respective roles and follow organizational processes and procedures.
- Functioned as the Lead Communication Data Link System (CDLS) operator responsible for ensuring availability of networks for operators to complete over 65 rewarding missions.

CERTIFICATES

- Udemy – The Web Developer Bootcamp 2022 (Colt Steele)　　　　　　　COMPLETED DEC 2021
- Udemy – The Ultimate MySQL Bootcamp: Beginner to Expert (Colt Steele)　　COMPLETED MAY 2022