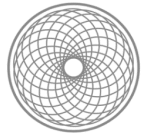


SAMUEL DEMUTH

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[Portfolio](#) | [LinkedIn](#) | [Github](#)



EDUCATION AND CREDENTIALS

OREGON STATE UNIVERSITY	<u>BACHELOR OF SCIENCE (B.S.) IN COMPUTER SCIENCE</u>	EXPECTED MAR 2024
AMERICAN MILITARY UNIVERSITY	<u>BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.)</u>	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](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/](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](https://github.com/demuthsa/mpty) 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 SHOJI, [HTTPS://GITHUB.COM/DEMUTHSA/HASAMISHOJI](https://github.com/demuthsa/hasamishoji) 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