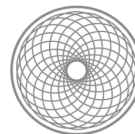


# SAMUEL DEMUTH

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## EDUCATION AND CREDENTIALS

|                              |   |                           |
|------------------------------|---|---------------------------|
| OREGON STATE UNIVERSITY      | <u>BACHELOR OF SCIENCE (B.S.) IN COMPUTER SCIENCE</u> | <i>EXPECTED JUN 2023</i>  |
| AMERICAN MILITARY UNIVERSITY | <u>BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.)</u>   | COMPLETED <i>May 2019</i> |

## TECHNICAL SKILLS

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

## 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.
- MAPT, <https://github.com/demuthsa/mapt> 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> 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.
- ROCK PAPER SCISSORS, <https://github.com/demuthsa/rock-paper-scissors> DEC 2020 TO JAN 2021
- Leveraged HTML, CSS, and JavaScript to fashion an interactive single player graphical version of the famous rock, paper, scissors game played in the browser.
  - Gained experienced utilizing web programming technologies to create a strategic game with a deep understanding of functions, styling, and algorithms.
  - First project as part of the #100DaysOfCode challenge.

## PROFESSIONAL EXPERIENCE

- ELECTRONICS TECHNICIAN** (UNITED STATES NAVY RESERVES), *Active Secret Clearance* MARCH 2015 TO PRESENT
- Triumphed recognition as 2019 Employee of the Quarter & 2019 Employee of the Year for excellent service and outstanding contributions.
  - 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.
- OPERATIONS SPECIALIST** (UNITED STATES NAVY) OCTOBER 2009 TO JUNE 2013
- Piloted a team of 23 personnel in deactivation of equipment and more than 250 spaces, executing novel methods and process optimizations resulting in completion two weeks ahead of schedule.
  - Functioned as the Lead Communication Data Link System (CDLS) operator responsible for ensuring availability of networks for operators to complete over 65 rewarding missions.
  - Enhanced mission readiness with training of 17 personnel through supervision and collaboration of counterpart work stations.

## CERTIFICATES

- Udemy – The Web Developer Bootcamp 2022 (Colt Steele) (Dec 2021)