MADISON CONWAY

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Portfolio: https://madison-conway.com

EDUCATION

Bachelor of Science - Plymouth State University   Graduated May 2025
Plymouth, NH

B.S. in Computer Science; Minor in Cybersecurity; Cumulative GPA: 3.58/4.0
Relevant Coursework: Software Engineering; Operating Systems; Systems Programming in C/C++; Systems Analysis and Design; Data Structures and Intermediate Programming; Database Management Systems; Algorithm Analysis.

University Honors Program   Fall 2021 - May 2025

Member of PSU's University Honors Program; GPA of 3.58, recognized at Graduation.

TRIO Scholars   Fall 2021 - May 2025

Member of PSU's TRIO Scholars Program, recognized at Graduation.

High School - Pinkerton Academy   Graduated 2021
Derry, NH

VEX Robotics Team Captain

Captain of Team 241D; coordinated VEX Robotics team competitions, performed community service, and collaborated with fellow students on programming, robot building, documentation, and design.

WORK EXPERIENCE

University System of New Hampshire

Plymouth, NH

Computer Science Tutor   January 2024 - May 2025

Tutored for students in Computer Science/IT; Assisted in study, homework, and project help. Languages/Skills tutored: HTML, CSS, PHP, C, C++, Java, Python, SQL, Machine Language, Computer Hardware and Architecture. Recognized at Graduation.

Robotics Project Assistant Intern   November 2021 - May 2022 & September 2024 - May 2025

Consultant for PSU Robotics projects in the PSU Robotics Maker Space. Hardware and Testing assistance.

Barrington Shores Campground

Barrington, NH

Activities Director and Event Coordinator   July 2019 - September 2024

Team leader in events and activities for Barrington Shores Campground - 6 camping seasons. Coordinated the calendar of activities for May-September, managed activities. Budgeting and management to provide campers with programs for the season.

PROJECTS AND SKILLS

Relevant Skills: HTML, CSS, PHP, C, C++, Java, Python, TypeScript, SQL, MongoDB, React, JavaScript, TailwindCSS, Express.js, Node.js, Phoenix Framework, Elixir, Nginx, Dart, Flutter, MariaDB, RESTful APIs.

- **WhiskAway;** Personal project developing a MERN stack web-app. A social application that focuses on implementing recipe data and updates using APIs, and features a user authentication system. Made with JavaScript, React, Node.js, Express.js, and MongoDB. Nginx used for deployment. Showcases skills in full stack development, API integration, database management, and deployment. https://whiskaway.food

- **ToDo;** Personal project using MERN stack. Web-application that allows a user to create tasks/notes and sort them by due date. Made with JavaScript, React, Node.js, Express.js, and MongoDB.

- **Arduino Car;** Engineered a bluetooth-controlled car using Arduino, with motor control and phone integration. Demonstrated proficiency in microcontroller programming, wireless communication, and hardware interfacing.

- **Random Retail;** Team project developing a web-app similar to Craigslist, suited for posting, socializing, and shopping. Random Retail was made with Phoenix framework, alongside Elixir, Sqlite3, and TailwindCSS for styling. Nginx used for deployment. Showcases continuous integration and deployment skills. https://randomretail.shop