Max Davis

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Education

Connecticut College, New London, Connecticut
B.A., Computer Science, 2028
Cumulative GPA: 3.975
Awards: Dean's High Honors

Technical Skills

Languages:	Python, MATLAB, Java, MySQL, HTML, CSS, JS
Frameworks:	React, Node, Express Socket.io, OOP
Libraries:	Pygame, Bootstrap
Tools:	Azure, Github, Vite, Terminal, Docker

Software Engineering Projects

Personal Portfolio Website | Front-End Engineer | Repo | App
- Designed a professional portfolio website using Bootstrap and customized CSS styling
- Utilized dynamic JS content generation to streamline HTML
- Deployed on Github Pages

Social Media Application | Full-Stack Engineer | Repo
- Connected users with Socket.io to chat, get notifications, and view changes in profiles
- Developed an API to interact with a NodeJS/ExpressJS server, querying a MySQL DB
- Built a Vite-scaffolded ReactJS front-end for user login, profile editing, and chat
- Deployed in a Docker container on an Azure Ubuntu VM

Everyone's It Tag | Full-Stack Engineer | Repo
- Designed an online multiplayer tag game in a 3-person team
- Implemented Socket.io to update players positions and actions on HTML canvas display
- Deployed in a Docker container on an Azure Ubuntu VM

Experience

Web Development TA | Connecticut College | Spring 2025 - Present
- Holds out-of-class instruction sessions to assist 13 students with coursework in HTML, CSS, Javascript, Ruby on Rails, and Bootstrap

Intro to Computer Science TA | Connecticut College | Fall 2025 - Present
- Assists a class of 10 students as they complete lab assignments
- Inspects and helps debugs students' Python code