

# Devin Bowler

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[LinkedIn](#) | [GitHub](#) | [Website](#)

## EDUCATION

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### Bachelors of Science in Computer Science

August 2023 - 2025

*University of Massachusetts Amherst | Amherst, Massachusetts*

### Associate of Science in Computer Science

January 2022 - August 2023

*Mount Wachusett Community College | Gardner, Massachusetts*

**Cumulative GPA: 3.52**

## TECHNICAL SUMMARY

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**Languages:** Proficient in Java, HTML, and CSS, Experience in Python, C++, JavaScript, C#, and SQL

**Software:** React, VSCode, Eclipse, MySQL, Microsoft Word, Excel, and PowerPoint

## EXPERIENCE

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### Computer Science Tutor

Academic Success Center at Mount Wachusett

August 2022 - Present

- Worked with students in varying majors and paths, where I adapted my skills to aid them in non-familiar CS topics. I learned new ways to help students by becoming more proficient in, e.g. database and data visualizations
- Created an in-person, remote, asynchronous environment for students to understand advanced course materials - anywhere, at their own pace.

## SOFTWARE PROJECTS

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### Web Development | Budget Application

August 2022 - September 2022

- Developed a financial tracker application for income growth, and to allow the user to set their own budget.
- Utilized JavaScript, HTML, and CSS to create the application's functionality, structure, and appealing user interface.
- Deployed as a public, static website through GitHub Pages; reachable by everyone.

### Machine Learning | Reinforcement Autonomous Driving in Python

October 2022 - Present

- Developed an autonomous driving, race simulation that utilizes a convolutional neural network to teach the car how to complete the track by reinforcement learning.
- Implemented the GUI using Pygame, where we visualize every new generation of the model until the car has completed the track.

### Software & Hardware Development | Memory Saving Glasses

October 2022 - Present

- Developed glasses using a Raspberry Pi Zero and a camera module to discreetly record footage, and at the click of a button, automatically save the last 45 seconds as a video on Google Drive.
- Developed for the purpose of preserving information or events, to look back at later.

## PROFESSIONAL ORGANIZATIONS

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### The National Society of Leadership and Success | Presidential Member

October 2022 - Present

- I was invited to join this organization due to my academic achievements. Completed the Society's induction process, including team goal networking and leadership training.