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# ADAM KIMMINS

Software Engineer



## Professional Summary

I'm an aspiring Software and AI engineer pursuing a B.S. in Computer Science at Southern New Hampshire University, currently in my junior year. My primary languages are C++, Typescript, C#, and JavaScript, and I work mostly on backend systems, AI automation and APIs. I also have experience collaborating in sprints on an agile team as a dev on GitHub.

## Featured Projects

### Polybot - Conversational Polyglot AI bot

2025 - Ongoing | Cloudflare Workers, React Native, Expo, Typescript, Python, Pytorch, XTTs v2, Whisper, Git

- Live streaming STT, AI sequences, and XTTs in a duplex session, with AI efficiently listening and responding
- Optional live help as you converse with the /talk API, utilizing built-in DO in parallel to the caching process
- Interactive, responsive and minimalistic frontend built on Expo for IOS and web functionality and scalability

### AI Lyric Tools - Cloudflare Worker AI System

2025 | Cloudflare Workers, JavaScript, Rest APIs, HTML/CSS, Git

- Built a production-ready AI backend (multi-mode chat, lyric generator, thesaurus).
- Implemented dynamic system-prompt routing and a full custom text engine.
- Deployed through automated GitHub to Cloudflare CI.

### Armonia - Windows Music App

2025 - Ongoing | C#, XAML, .Net8, WPF (mvvm), NAudio, Git

- Built a multi-track recording interface with real-time waveform visualization.
- Implemented audio capture (WasapiCapture) and dynamic UI elements.
- Ongoing development on GitHub.

## Education

### Computer Science BS, Southern New Hampshire University, NH

2025 – PRESENT | 3.5+ GPA

Currently in my junior year with classes above 3.5 GPA, on course to graduate with a BS by May 2027.

### Computer Technology and Science AS, Ohio University, OH

2023 – 2024

Completed foundational programming and database courses. Transferred to SNHU in my sophomore year.

## Skills

C++, TypeScript, JavaScript, C#, Java, Python, React, Node.js, Angular, Expo, MySQL, OracleDB, .NET 8, Cloudflare, Git, GitHub, Visual Studio, Docker, Kubernetes, WSL

## Additional Projects

### Solar System Render - 2026 | JavaScript, Three.js

### Tic-Tac-Toe - 2024 | C++, Dev Containers, GitHub

### Student Sorting Program - 2023 | C++, MySQL, Dev Containers

### Personal Portfolio Website - 2023 - Ongoing | Html, CSS, JS, CF Pages, GitHub