

# SEAMUS HINZ

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## EDUCATION

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### Bachelor of Science in Computer Science

May 2027

University of Florida | Gainesville, FL

- **Relevant Coursework:** Data Structures & Algorithms, Computer Organization, Discrete Mathematics, Computational Linear Algebra, Engineering Stats, Databases, Public Speaking

## TECHNICAL SKILLS

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**Languages:** C++, Javascript, Typescript, Python, GML, HTML, CSS, Java, Swift, SwiftUI, SQL

**Technologies and Tools:** React, Next.js, Git, Visual Studio Code, Webstorm, CLion

## WORK EXPERIENCE

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### Front-House Staff Prep and Service

May 2021 – September 2021

Oh Yeah Creamery | Tampa, FL

- Collaborated with customers to select 4 ingredients from 40+ options, using specialized equipment to create unique ice cream flavors, handling over 90 customers a day.
- Adapted to stressful situations by staying focused and responsible, improving my ability to manage multiple tasks under pressure.

## EXPERIENCE AND INVOLVEMENT

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### Commercial Web Game

November 2021 – January 2022

Personal Project | GML

- Led a team of three to create a web game using Gamemaker Studio 2, an industry standard 2D game engine.
- Sold a commercial license of the game to one of the largest game hosting websites, Cool Math Games, demonstrating marketable development skills.

### Open Source Club

Jan 2024 – Present

Club Member | Expo, react-native, Javascript, HTML

- Successfully integrated into a large-scale open-source project by analyzing technical documentation and existing codebase architecture
- Onboarded new club members on project architecture and contribution best practices, accelerating their ability to make their first commit.

### Movie Crew Based Film Recommendation System

Mar 2025 - Apr 2025

Group Project | C++

- Collaborated in a group of three to benchmark the performance of custom Adjacency List and Hashmap implementations for data retrieval
- Optimized parsing functions to read files of approximately 2.2 million data points and 200,000 unique movies, reducing load times by up to 50% compared to initial implementations

### Facial Stress Recognition Website

Jan 2025

Personal Project | Next.JS, Javascript, HTML, React.js

- Built front-end features and components using MediaPipe and React for a stress detection app made with FastAPI and Next.js
- Implemented real-time facial expression analysis to assess stress levels with a team of three

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Forbes

Hello Forbes Team,

I'm writing with interest about Forbes' Summer 2025 Technology Internship. Currently, I'm a second-year student at the University of Florida majoring in Computer Science with a minor in Business Administration. I have a strong background in relevant coursework such as data structures and algorithms, computer organization, financial accounting, and an exceptional GPA.

Beyond coursework, I've actively developed my skills through hackathons and personal projects. For example, using MediaPipe's facial recognition technology, FastAPI, and Next.js, I worked with a team of 3 using agile development strategies to create a website that can detect stress in a user's face while working on their computer. Through rapid iteration, we created an MVP in under 24 hours. This experience sharpened my ability to learn new frameworks quickly and write production-grade code—both of which will enable me to quickly begin contributing at Forbes.

Furthermore, I have a number of relevant courses that have prepared me well for this position. I am currently enrolled in Data Structures and Algorithms, have previous experience in C++ and Python courses, and have taken a public speaking course so that I can clearly communicate my thoughts to my teammates.

I hope to discuss this position further with you. As a Software Engineer at Forbes, I look forward to meaningfully contributing production-grade code and working with an incredible team. I'm available anytime at (813)-947-1200, or you can email me at [seamushinz@icloud.com](mailto:seamushinz@icloud.com).

Thank you greatly for your time,  
Seamus Hinz