

# Jason Yust

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## Education

Georgia Institute of Technology

December 2026

*B.S. in Computer Science*

- **GPA:** 3.71, Information Internetworks & Media Concentrations
- **Relevant Courses:** Algorithm Design & Analysis, Intro to Database Systems, Internet Systems & Services, Software Design

## Skills & Certifications

**Languages (by proficiency):** JavaScript, TypeScript, HTML/CSS, SQL, C#, PHP, Python

**Frameworks & Tools:** Angular, Next.js, .NET MVC, GitHub, AWS (EC2, RDS), Docker

**Certifications:** AWS Certified Cloud Practitioner, Entry Level JavaScript Programmer, Eagle Scout

## Professional Experience

Tyler Technologies | Lawrenceville, GA

May 2026 – Aug 2026

*Software Engineer Intern*

- Worked across **four teams** resolving ADA compliance issues, bugs, and feature requests using **Angular, TypeScript, HTML, and CSS**
- Utilized AI coding assistants such as **Claude Code and Codex** to accelerate ticket resolution, completing **40+ tickets** over **12 weeks**.
- Maintained **100% code coverage** by authoring comprehensive unit tests covering all lines of code written.

CompuScholar | Canton, GA

May 2025 – Aug 2025

*Software Engineer Intern*

- Led development of a Data Reporting system for **real-time data visualization** across **10+ unique data-driven reports** using **MySQL and PHP**.
- Developed a **RAG-powered Generative AI** prototype using **Qdrant and OpenAI REST APIs** to generate context-aware responses, validating **three core use cases**: Lesson Text Clarification, Activity Pseudo-code Generation, and Code Debugging.

AppVault | Alpharetta, GA

May 2024 – Aug 2024

*Software Engineer Intern*

- Extended a backend API endpoint using **C#** and **.NET MVC** to integrate **Twilio** text messaging, delivering real-time status updates to end-users.
- Built **two internal desktop tools** using **Electron and JavaScript**, enabling rapid editing of large JSON configurations and automated keyword detection across arbitrary website DOM trees.
- Automated document processing workflows by training **3 AI agents** in **Microsoft AI Builder**, utilizing **Power Automate** to extract and transform information into structured data.

## Projects

NorthStar

Aug 2025 – Dec 2025

*React, AWS EC2, MySQL, Playwright, Docker, GitHub Applications*

- Co-founded an **AI-driven** solution that autonomously navigates web applications using **Playwright** to generate comprehensive, screenshot-rich end-user documentation.
- Architected **AWS EC2** infrastructure to dynamically clone and host arbitrary **GitHub** repositories within isolated **Docker** containers for secure AI processing.

Spotify Wrapped App

Mar 2024 – May 2024

*Android Studio, Spotify API, OAuth 2.0, Firebase*

- Collaborated with a **7-person team** to develop a social music visualization Android application using the **Android SDK and Firebase** for cloud data storage.
- Integrated the Spotify **REST API** to retrieve user listening habits, implementing secure **OAuth 2.0** authentication flows to manage complex access and refresh token lifecycles.