

Justin Almas

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Education

Georgia Institute of Technology, Atlanta, GA
B.S. in Computer Science
Minor in French

Graduating: May 2025
GPA: 3.96/4.0

Work Experience

CS2110 - Computer Organization and Programming TA

Georgia Tech - Atlanta, GA

August 2023 - Present

- Responsible for co-teaching two interactive lab sessions each week for a cohort of 50 students, ensuring a conducive learning environment and encouraging active participation.
- Assisted in the design and development of lab materials and assignments, tailored to reinforce students' understanding of basic computer architecture, binary, the LC-3, assembly language, and C programming.
- Conducted weekly office hours to provide personalized assistance and support to students on course concepts, programming assignments, and problem-solving techniques related to computer organization and programming.

Full Stack Intern

Waste Applications - Norcross, GA

May 2023 - August 2023

- Collaborated with a team of 9 professionals, following Agile methodology, to develop two web applications supporting 5000 current users.
- Implemented user-friendly front-end interfaces using Blazor Server, Vue.js, HTML, Bootstrap, and Tailwind CSS.
- Developed robust RESTful APIs in C# and the .NET Framework, facilitating seamless communication between front-end and back-end components.
- Queried relational databases using SQL to provide instantaneous updated information to users.
- Created test and proof of concept applications using Microsoft Azure and the Microsoft Graph API.

Technical Skills

- Java - Proficient
- Python - Proficient
- C - Intermediate
- Git - Proficient
- HTML/CSS/JavaScript - Intermediate
- SQL - Intermediate
- C# - Intermediate
- Linux - Proficient
- Windows OS - Proficient

Projects

Cross the Galaxy

- Developed a frogger-like android app with a team of five other students in Java as a semester-long project.
- Utilized Git to track progress and effectively collaborate while employing current best Git practices.
- Simulated the entire software development process through creation of diagrams such as SDs, SSD, and DCDs.
- Learned the principles of Agile development through simulated sprints corresponding to deadlines.

Personal Website

- Designed a personal website using React and the Next.js framework to get more exposure into different front-end frameworks and libraries.
- Developed a CI/CD pipeline to publish my changes immediately after a merged pull request

Relevant Coursework

Data Structures & Algorithms | Computer Organizations & Programming | Objects and Design | Intro to A.I.