

Alyssa Khalil

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EDUCATION

Georgia Institute of Technology, Atlanta, Georgia

May 2027

Bachelor of Science in Computer Science

GPA: 4.00/4.00

Minor: French

Credit hours: 109/126

Relevant Coursework: Data Structures and Algorithms, Introduction to Database Systems, Linear Algebra, Combinatorics, Probability and Statistics, Computer Organization and Programming, Objects and Design, Design & Analysis of Algorithms, Systems and Networks, Intro to AI, The Human Dimension of Cybersecurity

Study Abroad: Georgia Tech Europe, Metz, France

Summer 2024

PROGRAMMING SKILLS AND SOFTWARE/TOOLS

Programming Languages: Java, SQL, Python, HTML, CSS, JavaFX, Django, C, Assembly Language, PyTorch

Software/Tools: Datadog, Git, Adobe Suite, MySQL, Microsoft Office Suite, Trello, CircuitSim

EXPERIENCE

Software Engineer Intern, Verint

May 2025 – Present

- Contributed to developing the Java backend components for the Recorder Integration Service.
- Implemented Datadog metrics to proactively detect issues in adapter-based integrations.
- Resolved critical client-reported bugs, contributing to a more stable and reliable recorder integration service.
- Collaborated with my team using Agile methodologies to deliver backend features and fixes.

PROGRAMMING PROJECTS

Candify, Spotify Wrapped Application

Oct 2024 – Dec 2024

- Created a Django web application where users can create and view personalized Spotify Wraps.
- Developed the backend views to create, save, and delete the user's wraps and summaries.
- Implemented the UI using HTML/CSS and JavaScript.
- Overcame frontend-backend integration challenges with HTML and Django.
- Managed the project team as the Scrum Master using Agile Methodologies.

Atlanta Food Finder

Aug 2024 – Sept 2024

- Created a Django web application where users can discover and pin restaurants in Atlanta.
- Integrated an interactive Google Maps which marks the locations searched and displays data about the restaurant collected from the Google Places API.
- Collaborated with my project team to develop the UI with HTML, CSS, and JavaScript.

Package Delivery Management System

Jul 2024

- Designed an Enhanced Entity Relation Diagram for a package delivery management system to map the logistics.
- Built a Relational Schema for the system.
- Constructed a Physical Database Schema with an initial dataset.
- Implemented views and stored procedures which populated and altered the database.

Serve Strategist, Hacklytics Georgia Tech

Feb 2024

- Used python, probability, and web scraped data to determine what kind of serve a tennis player should hit.

LEADERSHIP AND COMMUNITY ENGAGEMENT

President of the Society of American Military Engineers, Georgia Tech

Aug 2024 – Present

- Appoint officers, oversee their work, and spearhead recruitment efforts.
- Direct joint meetings between the professional and student chapters.
- Create panels and find speakers for events.

Player on Club Tennis Team, Georgia Tech

Aug 2023 – Present

- Compete and practice weekly with the team.

Bilingualism Advocate Presenter, Atlanta, Georgia

Jul 2022 - Present

- Developed and presented several presentations on the benefits of bilingualism and studying abroad.

ACHIEVEMENTS

- Faculty Honors, Georgia Institute of Technology
- Society of American Military Engineers Scholarship Recipient
- Georgia Governor's Honors Program Alumna

Fall 2023 – Spring 2025

Fall 2023, Fall 2024, Fall 2025

Jun 2022 – Jul 2022

ADDITIONAL SKILLS AND INTERESTS

Languages: Fluent in *English* and *French*

Interests: Photography, Traveling, Hiking, Tennis