

Ryan Nasr

404-539-6090 | rnasr6@gatech.edu | linkedin.com/in/ryan-c-nasr | ryannasr11.github.io/website_ | U.S Citizen

EDUCATION

Georgia Institute of Technology

Atlanta, GA

Bachelor of Science in Computer Science - Information Internetworks/Cybersecurity

Expected May 2026

GPA: 3.56/4.0; **Major GPA:** 3.69/4.0

Relevant Coursework: Data Structures and Algorithms, Design and Analysis of Algorithms, Systems and Networks, Database Systems, Objects and Design, Computer Organization and Programming, Object-Oriented Programming

EXPERIENCE

Amazon Web Services

Seattle, WA

Software Development Engineer Intern

May 2025 – July 2025

- Incoming SDE Intern for Summer 2025

Acoer

Atlanta, GA

Fullstack Software Engineering Intern

Sep. 2022 – Jun. 2024

- Developed a RESTful API and full-stack dashboard using Typescript, Node.js, React, and Material-UI for analyzing over 140,000 drug data points (accessible at Dailymed.acoer.com)
- Maintained a backend database using Python, MongoDB, and Pandas to store metrics from the NIH
- Designed a Python web scraper using BeautifulSoup and Pandas to analyze search rankings for Acoer products across over 300 SEO keywords and combinations, storing results in a SQL database

Frontend Software Engineering Intern

Jun. 2021 – Aug. 2022

- Revamped Acoer.com website's SEO optimization, leading to a 30% increase in organic monthly user traffic
- Increased user retention rate on Acoer.com by 12% through in-depth analysis of user behavior on Google Analytics
- Developed a responsive front-end landing page with focus on UX/UI design for a product enabling clients to explore detailed metrics on specific test cases and compare data across case studies (accessible at healthdataexplorer.io)

SAFE Health Systems

Suwanee, GA

Software Engineering Exploration Intern

Jan. 2022 – May 2022

- Constructed a monitoring system using React.js, Websockets and Node.js that tracks vital data in real time
- Developed a full-stack web application using JavaScript, Express.js, and PostgreSQL to monitor and analyze the response speed of retrieving user-input changes while leveraging REST APIs for efficient data handling

PROJECTS

Vertically Integrated Projects @ GT | Python, PyTorch, TensorFlow, Eynollah

Jan. 2024 – Present

- Implemented distributed computing systems using Python to identify authorship of Ancient Greek texts
- Organized SLURM computational jobs, optimizing runtime by leveraging Bash for document analysis pipelines
- Enhanced machine learning model outputs through comprehensive reliability testing with PyTorch and TensorFlow

Portfolio Website | Javascript, HTML, Markdown, Tailwind CSS

May 2024 – Jun. 2024

- Developed a portfolio using HTML, Tailwind CSS, and JavaScript to showcase projects, skills, and experience
- Integrated interactive elements such as dark mode and responsive resume and social media buttons to enhance UX
- Optimized the user interface for seamless navigation and performance across all devices

Spotify Wrapped App | Android Studio, Java, SQL, Git, Retrofit, REST API

Mar. 2024 – Apr. 2024

- Developed a full-stack Android app leveraging Android Studio, Java, and Retrofit for seamless RESTful API integration with Spotify, with a SQL-based backend for efficient user data storage
- Optimized the app for scalability and performance by implementing caching and asynchronous API calls

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, C, SQL, Bash, HTML/CSS, Assembly, Markdown

Frameworks: Flask, React, Node.js, Express.js, Django, Material-UI, Tailwind CSS

Developer Tools: Git, Docker, VSCode, IntelliJ, Anaconda, WebStorm, PyCharm, SLURM, Android Studio

Libraries: Pandas, NumPy, PyTorch, TensorFlow, OpenCV, BeautifulSoup, Retrofit, OpenAI API, WebSockets

Databases: MongoDB, PostgreSQL, SQL, SQLite

Other Skills: RESTful APIs, Distributed Computing, SEO Optimization, Data Scraping, UX/UI Optimization