# Ryan Nasr

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## Education

**Georgia Institute of Technology** Atlanta, GA

*Bachelor of Science in Computer Science - Information Internetworks/Cybersecurity* *Expected May 2026*

**GPA**: 3.64/4.0

**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

**Acoer** Atlanta, GA

*Fullstack Software Engineering Intern* *Sep. 2022 – Jun. 2024*

- Developed a full-stack dashboard using Node.js, Typescript React and Material-UI to store and give client's access to data and metrics on over 140,000 drug data points (accessible at Dailymed.acoer.com)
- Maintained a database using Python and MongoDB to store metrics accessible from the National Institute of Health and update in real time
- Designed a Python web scraper using BeautifulSoup to analyze search rankings for Acoer products across over 300 SEO keywords and combinations

*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
- Enhanced user experience on Acoer.com website, resulting in a 12% increase in user retention rates
- Built a front-end landing page for a product that allows clients to explore many in depth metrics on certain test cases and compare the data in separate case studies accordingly (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
- Assembled a full-stack web application using Javascript to track the speed needed to retrieve a user-input change
- Shadowed team of 20+ coworkers developing a self generating code project in Go building skyscraper blueprints

## Projects

**Vertically Integrated Projects @ GT** | *Python, PyTorch, Eynollah* Jan. 2024 – Present

- Utilize distributed computing practices to identify document authorship and origin of Ancient Greek text
- Organize jobs for computational nodes in Georgia Tech's SLURM workload manager to increase output efficiency
- Employ Python machine learning frameworks such as Torch to enhance model outputs during reliability testing

**Airline Management System** | *Javascript, React, Node.js, SQL, Git* Jun. 2024 – Aug. 2024

- Developed a comphrehensive full-stack GUI for an Airline Management System using React.js, including the design and implementation of interactive and responsive components
- Designed and implemented backend services with Node.js and integrating with MySQL for efficient data handling

**Portfolio Website** | *Javascript, HTML, Markdown, Tailwind* 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* Mar. 2024 – Apr. 2024

- Built a full-stack Android app using Android Studio and Java to retrieve user data via the Spotify API, offering customizable metrics and an SQL-based friend system for wraps
- Maintained an SQL database to store friends and facilitate customization of wraps with other users

## Technical Skills

**Languages**: JavaScript, Typescript, Java, Python, C, HTML/CSS, SQL, Assembly
**Frameworks**: React, Node.js, Material-UI, MongoDB, Tailwind
**Developer Tools**: Git, VSCode, IntelliJ, Pycharm, Webstorm, Eclipse, Anaconda, Tailwind
**Libraries**: BeautifulSoup, pandas, NumPy, PyTorch, Eynollah, Websockets