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: 3.64/4.0
  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

Injury Scanner | *Python, OpenAI, OpenCV, DotEnv*   Nov. 2024 – Dec. 2024
- Developed an automated image scanning pipeline using OpenCV, integrating AI-powered analysis via the OpenAI API to detect and classify injury patterns in scanned images
- Optimized system efficiency by implementing error handling and environment variable management through Python's DotEnv and multi-threading, achieving a 30% reduction in processing time.

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