

Ryan Ma

ryanma22303@gmail.com | (929) 310-7961 | github.com/rmmhm | Bayside, NY

EDUCATION

Georgia Institute of Technology | College of Computing

Bachelor of Science in Computer Science | GPA: 3.88

Threads: Artificial Intelligence, Systems & Architectures

Expected December 2024

Dean's List, Faculty Honors

EXPERIENCE

MarketAxess Auto-X - Software Engineer Intern

June 2023 - August 2023

Georgia Tech Student Government Association IT Board - Software Engineer

March 2023 - Present

Next, HTML, CSS

- Optimize and maintain applications used to automate and support internal SGA processes and student funding requests
- Learn about SGA functions and how to make meaningful contributions that benefit the Georgia Tech community

Unfound — Software Engineer Intern

January 2023 - Present

React Native, PostgreSQL

- Collaborate with interns to implement new and improve upon existing features for a mobile application that allows users to share and discover unique places
- Design and develop a companion web application to extend the reach of Unfound increasing monthly users

Health Informatics on FHIR — Software Engineer

August 2022 - Present

PostgreSQL, Express, React, Node, HTML, CSS

- Engineer a web application converting user input into Fast Health Interoperability Resources structured documents adhering to HL7 and Clinical Documentation Architecture, resulting in more efficient patient data turnaround rates between clinics
- Orchestrate weekly design sessions using Figma for frontend-backend interactions and UI to improve app user experience

Optum Technology Development Program — TDP Intern

June 2022 - August 2022

MongoDB, Express, React, Node, HTML, CSS

- Created a proof of concept web application in a 4-person team for matching acquired entity capabilities to roadmaps for integration into the United Healthcare ecosystem
 - Analyzed sample acquisitions and roadmaps to formulate a matching algorithm to be used saving 100s of hours of meetings between architects and integration team members
-

OTHER WORK EXPERIENCE

OIT Audiovisual Services Student Assistant, Georgia Institute of Technology

September 2022 - Present

IT Student Assistant, Binghamton University School of Management

September 2021 - May 2022

Barista, 2nd Heaven

September 2021 - May 2022

SKILLS

Languages: Java, Javascript, Python

Frameworks: React, Express, Node, Svelte

Tools: Git, Github, MongoDB, VSCode

Concepts: Object Oriented Programming, Data Structures and Algorithms, Agile Development Process