Rebecca Tafete

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EDUCATION

Georgia Institute of Technology
Master of Science in Computer Science — Jan 2023 – Dec 2023 (expected)
Specialization: Human-Computer Interaction

Bachelor of Science in Computer Science — Aug 2019 – Dec 2022
Threads: People & Information Internetworks — Cumulative GPA: 3.63/4.0

WORK EXPERIENCE

Microsoft — May 2022 – Aug 2022
Software Engineer Intern
- Learned about creating web components and web experiences
- Designed & implemented an event background image experience for the Windows Home Page
- Technologies used: HTML/CSS, TypeScript, Web Components

Goldman Sachs & Co. — June 2021 – Aug 2021
Software Engineer Intern
- Learned how entitlements work in both Goldman Sachs' proprietary database system and Amazon Aurora
- Researched methods for applying entitlements on Goldman Sachs' database & developed proofs of concepts
- Technologies used: Java, PostgreSQL, Amazon AWS

Office of Minority Education & Development, Georgia Institute of Technology — May 2020 – Present
Computer Science Tutor
- Taught individual and small groups (up to 5) of students in computer science courses (Data Structures & Algorithms, Objects & Design) in person and online
- Instructed approximately 5 individuals and 2 small groups for 10 – 12 hours weekly

PROJECTS

Bits of Good, a chapter of Hack4Impact — Aug 2021 – May 2022
Product Designer
- Collaborated with a team of PMs, EMs, designers, and developers to address client needs
- Conducted user research via interviews and surveys to inform design decisions
- Constructed low-fidelity wireframes and high-fidelity prototypes for the Umi Feeds mobile application using Figma

Active Safety for Autonomous & Semi-Autonomous Vehicles — Aug 2020 – Dec 2021
- Worked on a research project with the goal of creating autonomous and semi-autonomous vehicles that will drive off-road "naturally" and "safely"
- Learned C++ and ROS framework to understand current system functions and identify problems within them
- Used Python and Matplotlib library to map out vehicle motion and identify potential areas of improvement

SKILLS

Technologies: Figma (proficient), Java (proficient), C++ (familiar), HTML/CSS (familiar), SQL (familiar) TypeScript (familiar)

Relevant Coursework: Computer Organization & Programming, Computer Systems & Networks, Computer Networking 1, Database Systems, Data Structures & Algorithms, Design & Analysis of Algorithms, Digital Health Equity, Foundations of Educational Technology, Human-Computer Interface Design, Internet Systems & Services, UI Software