

## REBECCA TAFETE

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### SKILLS

**Programming/Technologies:** *Proficient* – Figma, Git, HTML/CSS, Java      *Familiar* – C++, Python, SQL, TypeScript  
**Relevant Completed Coursework:** Algorithm Design & Analysis, Computer Systems & Networks, Human-Computer Interface Design, Data Structures & Algorithms, Computer Organization & Programming, Networking 1, Database Systems, UI Software

### WORK EXPERIENCE

**Microsoft, Redmond, WA** May – August 2023

*Software Development Engineer Intern*

- Designed & implemented an Offer Card web component intended to reduce perceived ad density on Microsoft/Windows feeds.
- Integrated telemetry calls and tested component integration on various canvases by injecting mock responses to network calls.
- Collaborated with designers & product managers to ensure that the experience met user & business objectives.
- Technologies used: HTML, CSS, TypeScript, FAST Web Components, Fiddler

**Microsoft, Redmond, WA** May – August 2022

*Software Development Engineer Intern*

- Learned about creating custom web components & web-based experiences using Microsoft's FAST Components framework.
- Designed & implemented a background image experience that displays images & information for current events.
- Collaborated with designers & product managers to ensure that the experience met user & business objectives.
- Technologies used: HTML, CSS, TypeScript, FAST Web Components

**Goldman Sachs & Co., Dallas, TX** June – August 2021

*Software Development Engineer Intern*

- Learned multiple database systems, including Goldman Sachs' proprietary database (GSDB) & Amazon Aurora.
- Researched and developed proofs of concepts for moving GSDB to the cloud with effective access control.
- Communicated findings and justified software design decisions to managers and other engineers.
- Technologies used: Java, PostgreSQL, Amazon AWS/Aurora

**Georgia Institute of Technology, Atlanta, GA** January 2023 – Present

*CS 8803 DHE (Digital Health Equity) Graduate Teaching Assistant*

- Graded student designs and essays, guided students in researching health equity-related topics, wrote exam questions, and served as a point of contact between students and instructional staff.

### PROJECTS

**Wellness Technology Lab** August 2022 – Present

*Student Researcher*

- Conducted research on stress expressions on various social media platforms (e.g., Facebook, TikTok)
- Analyzed and interpreted data (text & multimedia content) using Python and various libraries/APIs.
- Communicated research findings through written reports and presentations.

**Bits of Good, a chapter of Hack4Impact**

*Alumni Director*

August – December 2023

- Organized various club-wide events and facilitated communication between the executive board, club members, and alumni

*Product Designer*

August 2021 – May 2022

- Communicated and justified design decisions to stakeholders, team members, and other designers
- Created and implemented visual design languages that aligned with the client's brand and messaging
- Constructed user flows, wireframes, and prototypes to improve user experience using Figma

### EDUCATION

**Georgia Institute of Technology** **Atlanta, GA**

*Master of Science in Computer Science*

January 2023 – December 2023 (expected)

Specialization: Human-Computer Interaction

GPA: 4.0/4.0

Project Option: Research Project with the Wellness Technology Lab

*Bachelor of Science in Computer Science*

August 2019 – December 2022

Concentrations: People and Information Internetworks

Highest Honors/summa cum laude