GABRIEL BRITAIN

https://gabrielbrita.in
quontas@gmail.com
https://github.com/SaltyQuetzals

EDUCATION

Georgia Institute of Technology, Atlanta, GA
M.S. in Human-Computer Interaction, May 2022
GPA: 4.0/4.0

Texas A&M University, College Station, TX
B.S. in Computer Science, May 2020
GPA: 3.75/4.0

EXPERIENCE

Microsoft Mesh   Aug 2022 – Present
Software Engineer   Austin, TX / Remote

- Led the development of reusable, performant mixed reality UI across Mesh products
- Profiled and optimized UI to dramatically improve FPS on limited-resource devices
- Iterated on implementations using feedback from users, designers, and product managers

Georgia Tech   Aug 2021 – May 2022
Graduate Researcher   Atlanta, GA

- Designed a system for real-time closed captioning on smart glasses
- Iterated on a prototype with the Atlanta Deaf/hard-of-hearing community
- [Preferences for Captioning on Emulated Head Worn Displays While in Group Conversation](#)

Microsoft   May 2021 – Aug 2021
Software Engineer Intern   Remote

- Designed and implemented gesture-based interactions for Microsoft Mixed Reality
- Iterated on prototype with design and engineering teams
- Integrated and deployed work into a customer-facing HoloLens application

Google   May 2020 – Aug 2020
Software Engineer Intern   Remote

- Worked with UX team to design UI for modifying Google Health data labeler
- Implemented design in Angular 2, iterating based on user and UX feedback

Interface Ecology Lab   Feb 2019 – May 2020
Undergraduate Researcher   College Station, TX

- Deployed real-time whiteboard to 200 design students for 2 semesters
- Synthesized semi-structured interviews and interaction logs into research paper
- [Design is (A)live: An Environment Integrating Ideation and Assessment](#)

Google   May 2019 – Aug 2019
Software Engineer Intern   Sunnyvale, CA

- Created customer-facing, real-time notification system for Google Voice customers
- Integrated system internationally to provide instantaneous data consistency

SKILLS

Programming: TypeScript/JavaScript, HTML/CSS, Python, C#, Java, C++
Frameworks: Svelte, React, TailwindCSS, Django, Ruby on Rails
Design: Figma, InDesign, Contextual Inquiry, Interviews, Card Sorting, Surveys

AWARDS

Best MS-HCI Solo Project Winner   May 2022

- Annual award presented to the top two individual projects completed by MS-HCI students.