

# GABRIEL BRITAIN

## CONTACT

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https://gabrielbrita.in  
https://github.com/SaltyQuetzals

## EDUCATION

**Georgia Institute of Technology**, Atlanta, GA  
M.S. in Human-Computer Interaction, Expected May 2022

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

## SKILLS

**Languages:** Python, TypeScript/JavaScript, Java, Ruby, HTML/CSS, C++, Rust, Go, C  
**Tools:** Git, Linux, BASH, WebSockets, Docker, Kubernetes, Protocol Buffers

## WORK EXPERIENCE

**Google** May – August 2020  
Software Engineer Intern Remote

- Created GUI-based application for modifying Google Health data labeler configurations
- Implemented re-usable pipelines for data synchronizations in Angular TypeScript

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

- Constructed an integrated submission and assessment system for real-time design ideation software
- Findings from user interviews and logs culminated in undergraduate thesis and ACM CHI submission

**Google** May – August 2019  
Software Engineer Intern Sunnyvale, CA

- Created customer-facing, real-time notification system for Google Voice enterprise customers
- Integrated system into multiple teams' codebases to provide instantaneous data consistency

**Google** May – August 2018  
Site Reliability Engineer Intern Sunnyvale, CA

- Created automated document classification pipeline, speeding document review process by 50%
- Integrated new pipeline into application designed to manage company-wide resilience tests
- Overhauled existing interface based on stakeholder feedback and included new pipeline output

## PROJECTS

**TAMUhack** January 2019 – April 2020  
Tech Lead

- Created full-stack, open-source event registration system in Django with 4000+ users
- Oversaw intercollegiate collaboration to generalize the solution to other organizations

## PUBLICATIONS

BRITAIN, G., JAIN, A., LUPFER, N., KERNE, A., PERRINE, A., SEO, J., SUNGKAJUN, A., (2020). Design is (A)live: An Integrated Ideation and Assessment Environment. *ACM CHI Late-Breaking Work 2020*.

## AWARDS

**Undergraduate Research Scholar** May 2020

- Presented to undergraduates upon successful submission of an undergraduate thesis at Texas A&M University.

**National Hispanic Recognition Program Scholar** May 2015

- Received award presented to the top 5,000 Hispanic students out of 250,000 who take the PSAT for outstanding academic achievements