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

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

Interface Ecology Lab   February 2019 – Present
Undergraduate Researcher   College Station, TX

- Studying the impacts of quantitative creativity metrics on student performance

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

- Created automated document classification pipeline, speeding document reviewal 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

State Farm Insurance   May – August 2017
Software Engineer Intern   Richardson, TX

- Created full-stack search engine to index automated test suite for engineers to search through
- Released completed application to 100+ developers and improved test creation time by 40%

PROJECTS

TAMUhack   January 2019 – April 2020
Tech Lead

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

ACTIVITIES

Aggie Coding Club Vice President   January 2018 – March 2020

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

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