

Gabriel Britain

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EDUCATION **Texas A&M University** College Station, TX
 BS in Computer Science, 3.72/4.0 GPA *August 2016 - Expected May 2020*
 Coursework: Theory of Deep Learning, NLP, Analysis of Algorithms, Data Structures

WORK **Google** Sunnyvale, CA
EXPERIENCE *Software Engineer Intern* *May 2019 - August 2019*

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

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

- Developing real-time collaborative web application to study users' collaborative design process.
- Built developer-friendly clusters for running multi-container architecture locally.

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

- Created automated document classification pipeline, speeding up 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 Richardson, TX
Software Engineer Intern *May 2017 - August 2017*

- Created full-stack web application to index automated test suite for engineers to search through.
- Application performed cosine similarity queries on user queries to provide ranked results.
- Released completed application to 100+ developers and improved test creation time by 40%.

PROJECTS **TAMUhack Software Suite** *January 2019 - Present*

- Created full-stack registration system in Django for an 800+ person event.
- Constructed GitOps CI/CD pipeline, reducing deployment time by 90%.
- Deployed applications to Google Cloud Platform as a Kubernetes cluster.

Good Bull Schedules *January 2017 - May 2018*

- Created public, open API for interacting with Texas A&M University course data.
- Designed responsive scheduling application for students to plan their upcoming schedule.
- Implemented a constraint satisfaction solver to generate schedules for students.

ACTIVITIES **TAMUhack Tech Organizer** *January 2019 - Present*
 Aggie Coding Club Vice President *January 2018 - Present*

AWARDS **National Hispanic Recognition Program** *May 2015*
 Scholar

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

SKILLS **Languages:** Python, TypeScript, Java, C++, Rust
 Tools: Git, Docker, Kubernetes, CircleCI