

# Cameron Brill

cameronbrill.me

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## Education

### Texas A&M University

Bachelor of Science in Computer Science; GPA: 3.4

College Station, TX

Expected Graduation: May 2022

## Experience

### Dive Chat

Software Engineer Intern

Remote

Aug 2020 - Present

- Introducing modern DevOps and cloud principles for cost and time efficiency in React Native app.
- Implemented Android push notifications and memoized state info with Redux store.

### TAMUhack

Tech Lead

College Station, TX

Oct 2019 - Present

- Manage team of 5 developers to create software solutions for the largest hackathon in Texas.
- Redesigned Python/Django application cloud infrastructure with Heroku and AWS S3, supporting **4000+** users.
- Secured **\$7,500** in sponsorship contributing to overall \$75k of funding for development and event running purposes.

### Microsoft

Software Engineer Intern

Redmond, Washington (Remote)

May 2020 - Aug 2020

- Designed multithreaded **Python** script improving process speed by **200%** for Microsoft Teams.
- Developed novel network streaming telemetry PoC with **gRPC/gNMI, Telegraf, InfluxDB, and Grafana**.
- Automated deployment to global production switches using **Python** and **Docker Compose**.
- Increased data availability by **3000%** compared to previous data pulling method, reducing site outages by **30%**.
- Interfaced with vendors and external organizations to properly and efficiently execute project.

### State Farm

Software Engineer Intern

Dallas, TX

May 2019 - Aug 2019

- Spearheaded microservice development in **Java Spring Boot** for a web app used by 60k insurance agents daily.
- Increased overall code throughput by **18%** with custom **GitLab CI/CD** pipelines and cloud-enabled Config Server.
- Created unit tests (JUnit) and UI tests to improve testing coverage to **99%**.
- Participated in internal hackathon, aiding to the development of an iOS app in a single weekend.

### Reveal Modern

Software Engineer Intern

Dallas, TX

Dec 2018 - Mar 2019

- Automated processes with **Python** and ads with **JavaScript** reducing developer workload by **25%**.

### Reveal Modern

Software Engineer Intern

Dallas, TX

Jan 2018 - Apr 2018

- Developed websites for 10+ clients using HTML/CSS, **Javascript**, and PHP/WordPress.

## Programming Skills

**Languages** Python, C++, Java, TypeScript, JavaScript, SQL

**Web** Flask, Django, NodeJS, Express, Spring Boot

**Databases** MySQL, PostgreSQL, MongoDB, InfluxDB, CosmosDB

**DevOps** Docker, Docker Compose, Kubernetes, GitLab CI/CD, GitHub Actions

**Other** Firebase, Pandas, Azure, AWS, Linux,  $\LaTeX$ , Git, OOP

## Honors & Awards

**MLH Top 50 Hacker of 2020:** Top hackathon competitor out of **100,000**.

Winner of **13 hackathons**, including:

- o HackTX 2019
- o Hack UNT 2019/2020
- o Hack Quarantine 2020
- o hack:now 2020
- o EarthXHack 2020

**1st place** at TAMIDS Data Science Competition.