

# Cameron Brill

cameronbrill.me

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## Experience

### Highlight

Software Engineer

Remote

May 2021 – Jan 2022

- **Led Alerting Product:** Managed and developed distributed sliding-window alerting system using Linear, Notion, TypeScript/React, **Go**, and **AWS products (ECS, EC2, S3, RDS)**.
- Engineered fault-tolerant and idempotent worker queue consumer using **Go** and **Postgres**.
- **Led Backend Errors Product:** Developed thread-safe, efficient *backend client* with Go and GraphQL.
- Responded to and resolved production bugs using Highlight, Datadog (Alerts, Metrics, APM), Slack bots, and Intercom.
- Collected metrics to optimize product features, prompted product feedback loops with customers (CTOs, Engineers).

### Datadog

Software Engineer Intern

Remote

Jan 2021 – May 2021

- Developed highly concurrent **Kafka consumer** microservice in **Go**, deployed with **Kubernetes**
- Wrote reactive api service in **Java** with accompanying frontend in **React/TypeScript**.

### Dive Chat

Software Engineer Intern

Remote

Aug 2020 – Dec 2020

- Extracted and optimized Node.js backend into **Go** microservices, reducing backend latency by **1000%**.

### Microsoft

Software Engineer Intern

Remote

May 2020 – Aug 2020

- **Network telemetry product:** Coordinated with teams across Microsoft and Cisco to improve telemetry collection.
- Developed proof of concept with Python, gRPC/gNMI, Telegraf, InfluxDB, and Grafana, **reducing latency by 3000%**.

### State Farm

Software Engineer Intern

Dallas, TX

May 2019 – Aug 2019

- Developed microservices with Java, instrumented with GitLab CI/CD pipeline.

### Reveal Modern

Software Engineer Intern

Dallas, TX

Jan 2018 – Apr 2018/Dec 2018 – Mar 2019

- Engineered weather-based ad automation system; developed websites for dozens of clients.

## Projects

### TAMUhack

Tools Used: Python, PostgreSQL, Docker, Heroku, AWS S3, Cloudflare

- Raised \$4k in sponsorship, led and mentored 5 student developers on registration system, website, and mobile app.

## Education

### Texas A&M University

GPA: 3.4/4.0; 2.5 years in coursework towards BS in **Computer Science**

College Station, TX

Aug 2018 – Apr 2020

## Programming Skills

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

**Technologies** GraphQL, REST, gRPC, NodeJS, React

**Datastores** PostgreSQL, MongoDB, Redis, InfluxDB

**DevOps** Docker, Docker Compose, GitHub Actions

## Honors & Awards

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

Winner of **17 hackathons**, including:

- Treehacks(Stanford) 2021
- HackTX(UT Austin) 2019/2020
- EarthXHack(Asterisk) 2020
- hack:now(UC Berkley) 2020
- Hack Quarantine(Hackathons UK) 2020