

Cameron Brill

brill.wtf/me

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Experience

Highlight

Software Engineer

Remote

Aug 2021 - Present

- Created open-source Highlight backend client with **Go** using channels and goroutines.
- Engineered fullstack systems in **Go**, Postgres, GraphQL, and React/TypeScript.

Software Engineer Intern

May 2021 - Aug 2021

- Engineered fullstack systems in **Go**, Postgres, GraphQL, and React/TypeScript.

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**.
- Familiarized myself with multiple **Datadog** products to avoid production incidents.

Dive Chat

Software Engineer

Remote

Aug 2020 - Dec 2020

- Re-wrote monolith Node.js backend to **Go** microservices, reducing backend latency by **1000%**.
- Developed cached **Redux** selectors in **Javascript**, reducing various load times by **400%**.

Microsoft

Software Engineer Intern

Remote

May 2020 - Aug 2020

- Built network telemetry PoC with **gRPC/gNMI**, **Telegraf**, **InfluxDB**, and **Grafana**, increasing data throughput by **3000%**.

State Farm

Software Engineer Intern

Dallas, TX

May 2019 - Aug 2019

- Developed microservices in Java and instrumented CI/CD pipelines with GitLab CI.

Projects

TAMUhack

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

- Designed and developed backend for largest hackathon in Texas; led team of 5 on other project-fronts.

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Tools Used: Go, Redis, PostgreSQL, Docker, Heroku, Cloudflare

- URL shortener containerized with Docker and deployed with Heroku/Cloudflare for free SSL, Redis, and Postgres.

Education

Texas A&M University

Bachelor of Science in Computer Science (incomplete); GPA: 3.4/4.0

College Station, TX

Aug 2018 - Apr 2020

Programming Skills

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

Web GraphQL, REST, gRPC, NodeJS, React, Redux

Datastores PostgreSQL, MongoDB, InfluxDB, Redis, Kafka

DevOps Docker, Docker Compose, Kubernetes, GitHub Actions

Other Firebase, AWS, Linux, \LaTeX , Git

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) 2019/2020
- EarthXHack(Asterisk) 2020
- hack:now(Berkley) 2020
- Hack Quarantine(Hackathons UK) 2020