

Cameron Brill

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Experience

Headway

Software Engineer

Remote

May 2022 – Present

- Developed extensible and robust systems in Next.js/React, Typescript/Javascript, Postgres, and Python.
- Improved complex search query speed by **800%**, from 4 seconds to <500 milliseconds.

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.

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 Tools Used: Java, Spring Boot, GitLab CI/CD

Dallas, TX

Software Engineer Intern

May 2019 – Aug 2019

Reveal Modern Tools Used: Javascript, Python, WordPress

Dallas, TX

Software Engineer Intern

Jan 2018–Apr 2018/Dec 2018–Mar 2019

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

College Station, TX

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

Aug 2018 – Apr 2020

Programming Skills

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

SWE GraphQL, REST, gRPC, PostgreSQL, Redis, NodeJS, React

DevOps Docker, Docker Compose, Containers, 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
- hack:now(UC Berkley) 2020
- HackTX(UT Austin) 2019/2020