Cameron Brill

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Experience

Headway Remote
Software Engineer May 2022 – Present
- Developed extensible and robust systems using Python, Next.js/React, Typescript/Javascript, and Postgres.
- Improved complex Postgres query speeds by **800%** in my first week, from 4 seconds to <500 milliseconds.

Highlight Remote
Software Engineer 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 Remote
Software Engineer Intern 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 Remote
Software Engineer Intern Aug 2020 – Dec 2020
- Extracted and optimized Node.js backend into **Go** microservices, reducing backend latency by **1000%**.

Microsoft Remote
Software Engineer Intern 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