Cameron Brill
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Education

Texas A&M University   College Station, TX
Bachelor of Science in Computer Science; GPA: 3.4   Expected Graduation: May 2022

Experience

Dive Chat   Remote
Software Engineer Intern   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   College Station, TX
Tech Lead   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   Redmond, Washington (Remote)
Software Engineer Intern   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   Dallas, TX
Software Engineer Intern   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   Dallas, TX
Software Engineer Intern   Dec 2018 – Mar 2019
- Automated processes with **Python** and ads with **JavaScript** reducing developer workload by **25%**.

Reveal Modern   Dallas, TX
Software Engineer Intern   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, Grafana, Telegraf
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:
- HackTX 2019
- Hack UNT 2019/2020
- Hack Quarantine 2020
- hack:now 2020
- EarthXHack 2020

1st place at TAMIDS Data Science Competition.