Cameron Brill

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Education

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

Experience

- **Microsoft** — Redmond, Washington
  Software Engineer Intern — *May 2020 - Aug 2020*
  - Will be working in Core Services and Engineering Operations group on telemetry streaming services.
- **Dynamic MC** — College Station, TX
  Founder and Software Engineer — *Nov 2019 - Present*
  - Open-source solution to affordable Minecraft servers. Uses **AWS EC2** hourly instances for efficient spending.
  - Currently developing AWS connection API in **Go** and overseeing a developer creating frontend in React.
- **TAMUhack** — College Station, TX
  Tech Lead — *Oct 2019 - Present*
  - Facilitated open source initiative to involve multiple hackathons in using and contributing to our tech stack.
  - Led team of 5 developers to maintain and generalize **Django** registration system used by **4000+** people.
  - Secured **$4k** in sponsorship contributing to overall $75k of funding for the event.
- **State Farm** — Dallas, TX
  Software Engineer Intern — *May 2019 - Aug 2019*
  - Spearheaded microservice development in **Java Spring Boot** for 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%** for above mentioned project.
- **Reveal Modern** — Dallas, TX
  Software Engineer Intern and Full-Stack Developer — *Spring 2018 and Spring 2019 Respectively*
  - **2019**: Automated processes with **Python** and ads with **JavaScript** reducing developer workload by **25%**.
  - **2018**: Developed webpages for 10+ clients using HTML/CSS, **Javascript**, and PHP/WordPress.

Projects

- **True Colors** — *Skills Used: Python, Pandas, Requests, Beatiful Soup, Jupyter, MongoDB Atlas*
  - Web scraper that analyzes a company's reaction to and contribution to society during a pandemic.
  - Scraped data with Requests, cleaned with Pandas and Beautiful Soup, and hosted on MongoDB Atlas cluster.
- **InFlightful** — *Skills Used: Python, Pandas, LaTeX*
  - Application and analysis for data science competition between undergraduates and graduates at A&M.
  - Created models to analyze common factors in causing flight delays and predict flight delays.
- **The Sustainability Index** — *Skills Used: Javascript, Express.js, MongoDB, Python, Pandas*
  - Stock index coupled with scores for environmental+social impact and labor practices.
  - Created API with Express.js and MongoDB and used Pandas to clean and join 4 company info datasets.
- **Taco 'bout It** — *Skills Used: Python, Flask, Pandas*
  - Website to tell potential taco/burrito shop owners competitive location and pricing strategies.
  - Created API with Flask and cleaned and analyzed taco/burrito restaurant data with Pandas.

Honors & Awards

- **MLH Top 50 Hacker of 2020**: Based on my projects and community impact, out of 100,000 students who participated in hackathons, Major Leauge Hacking chose my story to be one of 50 recognized on this list.
- **1517 Fellow**: Selected from 99 teams to be awarded $1k and $10k AWS credits at hack:now to create a startup.
- **Competitions I've Won At**: 1st Place and prizes at HackTX19, HackSMU19, HackUNT19/20, Wacode19, HackHouston19, RowdyHacks20, Hack Kosice Digital20, Hack Quarantine20, TAMIDS Data Science Competition 2020, HackDSC20, hack:now20, CitrusHacks20.
- **Hackathons I've Mentored At**: Howdy Hack 2019(Top Mentor), TAMUhack 2020(Organizer), Hacklahoma 2020.

Programming Skills

- **Languages**: (Profficient): Python, Java, Typescript, Javascript, (Familiar): GoLang, C++, SQL
- **Technologies**: AWS, Tensorflow, Keras, Pandas, Flask, NodeJS, Express, Spring Boot