Cameron Brill

cameronbrill.me

contact@cameronbrill.me
469-401-1162

Education

- **Texas A&M University**   College Station, TX
  Bachelor of Science in Computer Science; GPA: 3.35   *Expected May 2022*
  Relevant Coursework: *Advanced Topics in Deep Learning, Linear Algebra*

Experience

- **Microsoft**   Redmond, Washington
  Software Engineer Intern   *May 2020 - Aug 2020*
    - Will be working in Core Services and Engineering Operations group.

- **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 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.
- **Hackathons I've Won At**: 1st Place and prizes at HackTX19, HackSMU19, HackUNT19/20, Wacode19, HackHouston19, RowdyHacks20, Hack Kosice Digital20, and Hack Quarantine20.
- **Hackathons I've Mentored At**: Howdy Hack 2019(Top Mentor), TAMUhack 2020, Hacklahoma 2020.
- Finalist in Raymond Ideas entrepeneurship competition at Texas A&M 2 years in a row.

Programming Skills

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