

# Cameron Brill

cameronbrill.me

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## EDUCATION

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

## EXPERIENCE

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- **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

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- **True Colors** *Skills Used: Python, Pandas, Requests, Beautiful 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.
- **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 where to be and recommended menu pricing to stay competitive.
  - Created API with Flask and cleaned and analyzed taco/burrito restaurant data with Pandas.

## HONORS & AWARDS

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- **MLH Top 50 Hacker of 2020:** Based on my projects and community impact, out of 100,000 students who participated in hackathons, Major League Hacking chose my story to be one of 50 that was 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 CodeVsCovid19.
- **Hackathons I've Mentored At:** Howdy Hack 2019(Top Mentor), TAMUhack 2020, Hacklahoma 2020.
- Finalist in Raymond Ideas entrepreneurship competition at Texas A&M 2 years in a row.

## PROGRAMMING SKILLS

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