

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
Relevant Coursework: *Advanced Topics in Deep Learning, Linear Algebra*
Expected May 2022
- **Stanford Online**
Deep Learning and Machine Learning Course Audit with Projects 2018-2019

EXPERIENCE

- **Dynamic MC** College Station, TX
Founder and Software Engineer
Nov 2019 - Present
 - **Logistics:** Open source, open pricing Minecraft server hosting service, geared towards low income students.
 - **Development:** Using Go for custom API connection to AWS, React and Redux for frontend deployed on Netlify, Redis for caching, Docusaurus for documentation, and MySQL for database.
- **TAMUhack** College Station, TX
Technical Director
Oct 2019 - Present
 - **Logistics:** Secured \$4k in sponsorship and maintained active communication with sponsors.
 - Assisted with day-of logistics, where I led the sanitization team, optimized the hacker experience, mentored judges and hackers, served on the judging panel, and delivered two workshops.
 - **Development:** Maintained and generalized Django registration system for other hackathon's use, performed outreach to other hackathon dev teams, and updated static landing page.
- **State Farm** Dallas, TX
Software Engineer Intern
May 2019 - Aug 2019
 - **Policy Center:** Web app used by 60k insurance in the US. Allows Policy and Account creation and management.
 - Developed first microservice in production Policy Center with Java Spring Boot to break apart monolithic backend.
 - Streamlined microservice and Config Server deployment to Pivotal Cloud Foundry with custom GitLab CI/CD yaml files and Java unit tests(JUnits).
- **Reveal Modern** Dallas, TX
Software Engineer Intern and Full-Stack Developer
Spring 2018 and 2019
 - **Full-Stack Developer:** Wrote automation scripts in Python and optimized ad placement with JavaScript.
 - **Software Engineer Intern:** Developed webpages for various clients using HTML/CSS, Javascript, and PHP.

PROJECTS

- **Smart-Home Video Helper:** Designing advanced neural network architecture to, given a live stream of a smart home, detect when someone is leaning on furniture so as to detect potential strokes or heart attacks.
- **Neural Style Transfer:** Implemented 19 layer VGG neural network using Jupyter Notebook, Python, Tensorflow, and Keras. Takes two photos as input then transfers the style of one photo to the content of the other photo.
- **The Sustainability Index:** Stock index that displays stocks alongside scores for environmental+social impact and labor practices. Created API with Express.js+MongoDB and used Pandas to clean and join 4 company info datasets.
- **Taco 'bout It:** Website to tell potential taco/burrito business owners where to be and needed menu pricing to be competitive for the area. 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 League Hacking chose my story to be one of 50 that was recognized on this list.
- **Hackathons I've Won At:** 1st Place at HackTX19, HackSMU19, HackUNT19/20, Wacode19, and HackHouston19.
- **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

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