Cameron Brill

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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 developement in Java Spring Boot for web app used by 60k insurance agents daily.
  - Increased overall code throughput by 18% with custom Github 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 ad placement with JavaScript saving 25% in developer time.
  - **2018**: Developed webpages for 10+ clients using HTML/CSS, Javascript, and PHP/WordPress.

PROJECTS

- **Deep Leaning** — *Skills Used: Pytorch, CNN, LSTM, Transfer Learning, Jupyter, Activity Recognition*
  - Developed advanced LSTM CNN deep learning architecture for activity recognition in Pytorch.

- **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

- **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 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 entrepeneurship 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