

EDUCATION

College Station, TX	Texas A&M University	May 2022
<ul style="list-style-type: none">• B.S. in Computer Science with Minor in Cybersecurity; GPA: 4.0• Related Coursework: Discrete Structures in Computing, Data Structures and Algorithms, Linear Algebra		

EMPLOYMENT

Software Development Intern	Heavy Construction Systems Specialists	Summer 2019
Credentials Web Application		
<ul style="list-style-type: none">• Developed new activity reports, subscription tiers, dashboard models, popup modals, APIs, unit tests, etc.• Adjusted Credentials to the new annual billing model and integrated two products to the subscription page• Worked on a team of four developers following agile methodologies• Presented to over 20 people, including interns, HR, and full-time employees		

TECHNICAL EXPERIENCE

Projects

- **Braille-iant (TAMUmake)** (2020). Awarded First Place and Accessibility Challenge. A handmade braille printer integrated with a web application allowing users to easily create customized cards and messages that can then be printed in braille. Built the front-end design and web app UI/UX. Python/Flask, Bootstrap, HTML/CSS/JavaScript
- **Eco-Mode (TAMUhack)** (2020). Awarded First Place, Best Mobile App, and more. A mobile application utilizing computer vision to detect an object and return ways to re-use that object through Youtube DIY videos and Pinterest posts. Developed the back-end web-scraping and front-end integration. Python/Flask, Google Cloud Platform, Microsoft Azure's Cognitive Services, React Native
- **25-to-5 (T-Mobile AR/VR Hacktober)** (2019). Awarded Third Place. Augmented reality application with hand and voice gestures controlling a virtual catalogue to enhance the customer-employee interaction in Metro by T-Mobile stores. Worked primarily on the integration of Unity with Leap Motion and the user touch controls. Unity, C#, Leap Motion
- **Wildcat (HowdyHack)** (2019). Awarded Best Original Hack. Voice recognition app detecting key phrases to send BLE signals to a sound emitting Arduino. Created the iOS/Android phone application with Bluetooth and Arduino support. Dart, Flutter, Arduino

LEADERSHIP AND INVOLVEMENT

SysAdmin Co-Chair	Student Engineers' Council	Fall 2019 - Present
<ul style="list-style-type: none">• Leading a team of 12 in the development of all technologies utilized by the council• Managing SEC websites for finance tracking, point verification, event information, general applications, etc.• Promoting engineering in the Bryan/College Station community and serving over 15,000 engineering students		
Digital Media Co-Chair	Chillennium Game Jam	Spring 2019 - Present
<ul style="list-style-type: none">• Updating and developing the main website, team assignment and excel scripts, and other digital services• Organizing and hosting the largest, annual student run game jam in the world with over 400 participants		

HONORS

- **Brockman Scholar:** Awarded to students with strong academic merit, high levels of community engagement, and qualities of a good citizen.
- **Dean's Honor Roll:** Completed a semester with at least 15 hours and a GPR of at least 3.75.
- **Engineering Honors:** Honors program for students who invent, imagine, create, explore, inspire, and heal.
- **National Merit Scholar:** Awarded to the highest-achieving National Merit Finalists.
- **Salutatorian for the Class of 2018:** Rank 2 out of 545 from Clear Lake High School.

Languages, Skills, and Technologies

- Python; C++; C#.NET; HTML/CSS/JavaScript; Bootstrap; Flutter/Dart; SQL; React
- Visual Studio; VSCode; Unity; MySQL; Git