

EMPLOYMENT

Software Development Intern	Heavy Construction Systems Specialists	Summer 2019
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Credentials Web Application

- 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

EDUCATION

College Station, TX	Texas A&M University	May 2022
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- B.S. in Computer Science with Minor in Cybersecurity; GPA: 4.0
- Related Coursework: Discrete Structures in Computing, Data Structures and Algorithms, Linear Algebra

TECHNICAL EXPERIENCE

Projects

- **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
- **FiestaFinder (TAMU Datathon)** (2019). Web application allowing users to query for restaurants with tacos or burritos that most closely fit certain specifications. Developed the front end for easy interaction and visualization of the data. Python, Flask, HTML, CSS, Bootstrap, JavaScript
- **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
- **Avengers Soundboard** (2019). Soundboard iOS/Android phone application that plays over thirty iconic quotes from the Marvel Cinematic Universe. Dart, Flutter

EXTRACURRICULARS

SysAdmin Committee Member	Student Engineers' Council	Fall 2019 - Present
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- Managing SEC websites that assist in finance tracking, membership login and point verification, event information, general applications, etc.
- Promoting engineering in the Bryan/College Station community and serving over 15,000 engineering students

Computer Vision Member	RoboMaster Robotics Team	Fall 2019 - Present
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- Utilizing deep neural networks for special objects and enemy robot detection
- Creating tracking scripts for aim assist and automatic aiming

Digital Media Co-Chair	Chillennium Game Jam	Spring 2019 - Present
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- 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

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- Python; C++; C#.NET; HTML/CSS/JavaScript; Flutter/Dart; SQL; Ruby on Rails; React; PHP
 - Public Speaking; Visual Studio; VSCode; Unity; MySQL; Git; Agile