Dylan Theriot

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Education

Texas A&M University (College Station, TX)   *May 2022*
Bachelor of Science in Computer Science, Minor in Cybersecurity   GPA: 4.0/4.0

Skills

- Proficient: C++, Python, C#, Flutter/Dart, HTML/CSS/JS, Public Speaking, Microsoft Office
- Fundamentals: SQL, PHP, React, Agile Development

Experience

<u>Heavy Construction Systems Specialists</u> - *Software Development Intern*   *May 2019 – Aug. 2019*

- Developed new activity reports, subscription tiers, dashboard models, popup modals, REST APIs, etc. for the Credentials web application
- Adjusted Credentials to the new annual billing model and integrated two new products into the subscription page for customers to purchase
- Utilized SQL, .NET framework, and React with JS, C#, and cshtml

Projects

<u>25-to-5</u>   *Oct. 2019*

- Used C#, Unity, and AWS to give a hands free, augmented reality experience that enhances the customer-employee interaction in Metro by T-Mobile stores
- Awarded third place at T-Mobile Hacktober 2019.

<u>FiestaFinder</u>   *Oct. 2019*

- Created the entire front end for the web app to allow users to easily visualize and interact with data sets
- Made with Python, Flask, HTML, CSS, JS at TAMU Datathon 2019

<u>Wildcat</u>   *Sept. 2019*

- Built a voice recognition app with Flutter/Dart to detect key phrases and emit BLE signals to an Arduino
- Awarded Best Original Hack at HowdyHack 2019

<u>Avengers Soundboard</u>   *July 2019 – Aug. 2019*

- Developed a phone soundboard application utilizing Google's Flutter that plays over thirty iconic quotes from the Marvel Cinematic Universe

Extracurriculars

<u>Student Engineers' Council</u> – *Systems Administration Committee Member*   *Sept. 2019 – Current*

- Performing website maintenance for 8 SEC websites with Ruby on Rails, ASP.net, and HTML, CSS, JS
- Assisting in the upkeep of all SEC digital and electronic services, which serves over 15,000 students

<u>RoboMaster Robotics Team</u> – *Computer Vision Member*   *Sept. 2019 – Current*

- Utilizing computer vision to identify enemy targets and provide aim assist to pilots
- Developing sentry robots for DJI's annual competition in China

<u>Chillennium Game Jam</u> - *Digital Media and Website Co-Chair*   *Feb. 2019 – Current*

- Maintain and update the official website with HTML, CSS, JS, and PHP
- Develop and run excel scripts to form teams and color code information
- Organize the largest, annual student run game jam in the world

Honors

- Brockman Scholar
- Engineering Honors
- National Merit Scholar
- Dean's Honor Roll
- Salutatorian for the Class of 2018, Clear Lake High School (Rank: 2 of 545)