

Shane Brown

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EDUCATION

Texas A&M University B.S in **Computer Science** Minor: **Cybersecurity** Graduation Date: **Fall 2022**

- Overall GPA: **3.56/4.00** | Dean's Honor List
- Aggie Coding Club | Google Developer Student Club | Young Life Leader

TECHNICAL SKILLS

- C++, Python, Java, HTML/CSS, JavaScript, React, Linux, AutoCAD, RESTful API, Git, Ruby, SQL, Firebase, Agile Methodology, Docker

PROJECTS

Portfolio Website:

- Project I created from scratch using only **HTML/CSS** and **JavaScript**. This website gives an insight into my character, past projects, and my design capabilities.

"Juego" Matching Interface:

- While using **Agile** Methodology, my team and I developed a website for gamers. This was a small project we worked on that allowed me to use **Google Firebase, SQL, React, CSS, APIs** (such as GoogleOAuth), and **JavaScript**. The user creates an account/profile which adds them to the database and allows other users to see their card/information. If they swipe right, they can visit their profile later. Swiping left moves to the next person in the stack

MEGSO Tracker:

- User interface for the student organization Mechanical Engineering Graduate Student Organization (MEGSO) that allows users to sign in for attendance, keep in touch with alumni in the org, and allows the users to stay updated on current/future events. Additionally, allows users to earn points for attending events. Using **Ruby on Rails, Agile, Docker, HTML, JavaScript, and CSS**.

Bulls and Cows Game:

- A game in **C++** where the user must guess a randomly generated code (only 3, 4, or 5 digits max). Each number is unique. When the user inputs their guess, they get in return the number of bulls and cows within their answer. A cow means one of the numbers is correct, but it is in the wrong place. A bull means one of the numbers is correct and it is in the correct spot

RELEVANT COURSEWORK

- Programming Studio, Data Structures and Algorithms, Software Engineering, Discrete Structures in Computing, Database Programming, Computer Organization

WORK EXPERIENCE

Software Engineering Intern

Summer 2021

Camp Gladiator | Austin, TX (Remote)

- Collaborated with frontend and backend teams to contribute towards a social challenge-based website/interface for clients
- Worked in an agile environment and gained experience in new technologies and software

Installer

Summer 2019

KMR AV Automation | Katy, TX

- Worked 40+ hours a week in a client-faced environment
- Installed various smart home devices, ran wires and conduit throughout homes, changed light switches, and constructed various plugs