

MILES VERSAW

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EDUCATION

- Texas A&M University, College Station, Texas **August 2019- May 2023**
- Pursuing a Bachelor's of Science in Computer Science **Cumulative GPA: 3.81/4.0**
- **Relevant Coursework**
 - Data Structures & Algorithms
 - Introduction to Computer Systems
 - Design and Analysis of Algorithms

TECHNICAL SKILLS

- **Languages:** C++, Python, C#, PostgreSQL, JavaScript, HTML
- **Software & Libraries:** Unity3D, SDL2, SRanipal SDK, Node.js, Git

EXPERIENCE

- **VR Application Developer** **August 2021- Present**
Developing an interactive virtual reality classroom application using Unity3D. Uses SRanipal to obtain eye tracking information and gauge user interaction. Eye tracking data is processed with pandasdb and displayed with Matplotlib.

PROJECTS

- **RE-CYCLE: An automated recycler** **March 2021**
Worked with a team of four to create an automatic recycling robot for the TAMUmake hackathon. Implemented a touchscreen GUI using Pygame, and processed the machine learning data with pandasdb
 - **Winner of the Environmental Category**
- **Sand Simulator** **July 2021- Present**
Developing a physics based falling sand simulator as an interactive way to learn SDL2 and improve my C++ skills

ACTIVITIES

- **Aggie Coding Club** **January 2020- May 2020**
Led a team of my peers through a programming project using OpenGL and C++ as a club Project Manager
- **TAMU Honor Council** **October 2020- Present**
Develop and enforce standards pertaining to academic integrity and uphold the Aggie Code of Honor