

Matthew Stanley

3501 Speedway | Austin, TX 78705

713-305-7139 | mtthwstanley@gmail.com | www.linkedin.com/in/mstanley1999

EDUCATION

The University of Texas at Austin, Austin, TX

Fall 2017 – Spring 2022

Bachelor of Science in Physics

Elements of Computing Certificate

Elements of Web Development

Elements of Software Engineering

Elements of Game Development

EXPERIENCE

Fresh Plus Grocery, Austin, TX

August 2019 – Jan 2020

Team Member

- Engaged in friendly service with customers.
- Filled in any position when one was needed.

PROJECTS

Website Building

May 2021 – August 2021

- Used HTML, CSS, PHP, and MySQL to build a website that gave information about the great emu war.
- Implemented a login feature, database to store login information, as well as a 'choose-your own adventure' browser game.

Game Development

January 2022 – May 2022

- Used JavaScript and Phaser 3 engine to code a Final-Fantasy styled video game, worked specifically on mechanics, scene changes and sprites.
- Collaborated in a group and determined best way to execute the project.

Directed Reading Program

January 2022 – May 2022

- Worked with a graduate student in doing independent research on neuromorphic computing.

Eigenvalue Calculator/Physics Calculation Package

- Built collection of code to currently help calculate eigen values from a matrix.
- Plan on adding more to aid in quantum mechanics calculation.

ACTIVITIES & LEADERSHIP

Tzu Chi Collegiate Association, Austin, Texas

Junior Officer

Aug 2019 – May 2020

- Assisted in organizing and attending events such as river cleanup, retirement home visiting, and math tutoring for early grade school level children.

Public Relations Officer

Aug 2020 – May 2021

- Collected data on members in order to determine the best course of action in what other officers should focus on in order to retain members and gain new ones.

SKILLS

Technical /Computer Skills: Microsoft Excel (Advanced), Microsoft Word (Fluent), Python (Advanced), Java (Basic), HTML (Intermediate), CSS (Intermediate), PHP (Intermediate), MySQL (Intermediate), Git (Intermediate)