**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 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)