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## EDUCATION

<b>State College, PA</b>	<b>Pennsylvania State University</b>	<b>Fall 2020 – Fall 2023</b>
• B.S. in Computer Science, Fall 2023.		Current GPA: 3.34

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## TECHNICAL ABILITIES

### Languages

- C++; C; MIPS Assembly; Python; JavaScript/HTML/CSS

### Technologies

- Linux; Windows; CMake; OpenGL; Git; JetBrains Products; Fusion360; KiCAD

### Skills

- Industrial 3D Modelling; 3D Printing; CNC Machining; PCB Design; Public Speaking

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## PROJECTS

<b>Data-Oriented OpenGL Renderer (2022):</b>	<b>C/C++ OpenGL</b>
• An extremely performant, 2d renderer that makes use of modern OpenGL and Data Oriented Design philosophies.	

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## ADDITIONAL EXPERIENCE AND AWARDS

- **OSHA Certification (2020):** Completed the online, 10 Hour OSHA Certification Course.

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## EMPLOYMENT

<b>Volunteer</b>	<b>Community Empowerment Northern Virginia</b>	<b>Summer 2019</b>
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### Responsibilities:

- Sole data entry specialist in charge of maintaining CENV's consumer information database.
- In charge of seeking out and completing tasks without any guidance or supervision.

### Key Accomplishments:

- Scanned vital documents and typed out relevant information into a database in order to keep essential company records.
- Applied data entry knowledge and skills to resolve indecipherable or garbled handwritten text.
- Introduced an alternative method of data registry that allowed a more efficient way for consumer information to be directly inputted into the company database.
- Garnered 67.5 total volunteer hours throughout my experience with CENV.

<b>Volunteer</b>	<b>Gum Spring Public Library</b>	<b>Summer 2015 – Summer 2019</b>
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### Responsibilities:

- Assisting Gum Spring Library librarians in running various summer programs.
- Assisting seniors in navigating various devices ranging from Windows computers to iPads.
- Assisting visitors in identifying the location of any books they were interested in.
- Acknowledging visitor issues and resolving their problems in an efficient manner.
- Shelving returned books during various days of the week.
- placing books that were put on hold in their respective shelves.

### Key Accomplishments:

- Made the library a more enjoyable place for both children and adults alike.
- Obtained well over 100 volunteer hours, earning a silver service award from my highschool due to my total volunteer hours.