sujitsaravanan15@gmail.com
(571) 361-9963

SUJIT SARAVANAN

HTTPS://SUJIT-SARAVANAN.GITHUB.IO/PORTFOLIO/

https://github.com/sujit-saravanan

EDUCATION

State College, PA	Pennsylvania State University	Fall 2020 – Fall 2023

- B.S. in Computer Science, Fall 2023.   Current GPA: 3.34

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

PROJECTS

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

ADDITIONAL EXPERIENCE AND AWARDS

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

EMPLOYMENT

Volunteer	Community Empowerment Northern Virginia	Summer 2019

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.

Volunteer	Gum Spring Public Library	Summer 2015 – Summer 2019

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.