Paul Hernandez

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github.com/paul-satoru-hernandez

EDUCATION

University of Connecticut Storrs, CT
Bachelor of Science in Computer Science and Engineering, Minor in Mathematics *Aug 2020 – May 2024*

- GPA: **3.35 / 4.0**
- Concentration in **Software Design and Development**
- Relevant Courses: **C++ Essentials, Algorithms and Complexity, Systems Programming, Data Structures and Object-Oriented Design, Operating Systems**

PROJECTS

Text Editor | *C++*

- Developed a terminal based text editor using C++.
- Implemented a variety of commands for manipulating and editing text files.
- Utilized MVC, Command, and Observer design patterns to improve future development.
- Allows for file manipulation as well as file creation.

Tic-Tac-Toe | *C*

- Developed a program using the C pthread library to play games of tic-tac-toe.
- Utilization of threads allows easy interface between either two users or between a user and the computer
- Use of locking and mutexes prevents race conditions and improves performance.

Personal Website | *HTML, CSS, Javascript*

- Portfolio website designed for mobile and desktop experience.
- Uses animation and scaling to make the website interactive and interesting.
- https://paul-satoru-hernandez.netlify.app/

EXPERIENCE

Barista June 2020 – January 2023
The Granola Bar of Fairfield *Fairfield, CT*

- Communicated effectively to ensure that customers' needs were met and expectations were maintained.
- Adapted to a changing work dynamics in a fast-paced environment.
- Quickly learned the responsibilities and expectations that were to be upheld.

Member Uconn Data Analytics Club January 2021 – December 2021
University of Connecticut *Stamford, CT*

- Engaged in discussions on the various implications of data analytics in business and research.
- Developed skills in data management and visualization

TECHNICAL SKILLS

Languages: C/C++, Java, Python, HTML/CSS, Javascript
Frameworks: React, Node.js, Flask
Developer Tools: Git, VS and VS Code, Linux