Anthony Nelson

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Profile

Enthusiastic junior pursuing a Computer Science degree, eager to secure an internship in software development, software engineering, cybersecurity, or IT help desk support.

Education

Kutztown University of Pennsylvania**, Kutztown, PA   Graduation: May 2025
B.S. in Computer Science, GPA: 3.2

Educational Highlight

EMACS Scholar - National Science Foundation, Kutztown, PA   August 2021 - Present
Outstanding Scholar, Kutztown, PA   August 2021 - Present

Technical Skills and Projects

- **Programming:** C++, C, Python, SQL, BASH
- **Design:** AutoCAD

Data Structures Project

Implemented an inheritance hierarchy where the abstract base class has three subclasses. These subclasses include a Circular Linked List, an Object Array, and a vector. The user is prompted to insert a file to be read, and then is given a menu on whether to print the subclass iteratively or recursively.

Network and Secure Programming Project

Implemented the pthread library in C to create a set number of child processes based on the user input via command line. The main thread coordinated the subthread and their functionalities. Error checked when applicable.

Related Courses

Data Structures, Computer Science II, Advanced Scientific Programming, SQL Programming, Discrete Mathematics II, Computer Organization and Assembly Language, Unix Scripting and Administration, Network and Secure Programming

Work Experience

Sheetz, Plains Township, PA   June 2020 - Present
Salesperson

- Serve food safely, quickly, and correctly.
- RAMP certified.
- Work in a team to get tasks done.
- Working with diverse populations.

Burger King, Wyoming, PA   2017 - 2019
Crew Member

- Worked in a fast-paced environment and made sure guests were accommodated for.
- Greet guests, answer any questions they might have.
- Handled money at the register.