# Daniel Pavenko

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## Education

- **Shippensburg University of Pennsylvania** — Shippensburg, PA
  *Bachelors of Science in Computer Science; GPA: 3.606* — *Jan. 2021 – Present*

## Experience

- **Target** — Chambersburg, PA
  *Grocery Team Member* — *Aug 2021 - Present*
  - **Teamwork**: Collaborated and communicated within the grocery team for various tasks, including stocking shelves, assisting customers, and ensuring quality control by promptly identifying and removing unsafe or expire products.
  - **Efficiency**: Efficiently stocked shelves while maintaining accurate inventory records and a clean, friendly, and professional atmosphere.
  - **Attention to Detail**: Maintained a high degree of attention to detail for quality control, ensuring a spotless environment and exceeding food safety standards. Achieved this through meticulous cleaning, continuous identification of expired products, and immediate removal of unsatisfactory items.

## Projects

- **Maze Solver / Path Finder**: https://github.com/Danpav1/MazeProgram
  Java project that I had personal interest in and did on my own time. It features a console UI, applied Polymorphism for better program organization, multiple pathfinding algorithms, The ability to read mazes from text files, Stacks, Exceptions, Run time counting for efficiency, and more. The program uses path finding algorithms to solve any maze given to it
- **ZipCode Encoding**: https://github.com/Danpav1/SWE100/tree/master/Stage_11_Lab_ZipCodeEncoding
  Java project that reads and writes Zip Codes / Postal codes using the POSTNET (Postal Numeric Encoding Technique). JUnit tests and exceptions were used heavily for quality assurance
- **Portfolio Website**: https://danpav1.github.io/ Personal Portfolio website that was made on my own time as a means to learn front-end and showcase myself more than a resume could.

## Programming Skills

- **Languages**: Python, Java, C, HTML, LaTex — **Learning**: C, CSS

## Relevant Courses

- **Python**: CSC104 - Programming in Python
- **Java**: SWE100 - Intro to Software Engineering
- **Math**: MAT225 - Discrete Mathematics
- **C**: ENGR120 - Programming for Engineers
- **Java**: SWE200 - Design Patterns (in progress)
- **Math**: MAT318 - Elementary Linear Algebra (in progress)
- **C**: CMPE220 - Computer Organization (in progress)