

# Adam J. Faust

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## Education

### WEST CHESTER UNIVERSITY

Bachelor of Science in Computer Science, GPA: 3.805/4.0

Relevant Coursework: Computer Systems, Data Structures and Algorithms, Computer Security and Ethics, Digital Image Processing, Data Communications and Networking

-Dean's List Honoree 4 Semesters

-Certificate of Cybersecurity

West Chester, PA

August 2021 – May 2025

### DOWNINGTOWN EAST HIGH SCHOOL

High School Diploma

Exton, PA

June 2021

## Technical Skills & Projects

**Programming:** C, C++, Java, Python, MATLAB, JavaScript

**Operating Systems:** Windows, MacOS

### CSC 240 GridReader Project

Developed an object for reading files into a 2-D array. Calls a constructor that stores the file name then reads the specified file and converts it to a two-dimensional array of characters and stores it in the grid field. Another program reads and plays out the stored grid to play out a grid-based game.

### CSC 240 MazeSolver Project

Developed an object to solve mazes represented as a 2D character array. Utilizes GridReader to read maze files and MazeSolver to solve the mazes.

### CSC 241 Matrix Project

Developed a program to simulate the rotting process of apples in a matrix of M\*N dimensions. Each cell in the matrix is assigned one property: empty, fresh, or rotten. The fresh cells would become rotten if they were adjacent to a rotten cell after one day. The task was to calculate the minimum time required for all apples to become rotten or rule that some apples cannot become rotten.

## Relevant Experience

### BESTBUY

#### Associate

Downingtown, PA

May 2023 – January 2024

Played a key role in setting up technology displays, and ensuring an engaging presentation for customers. Managed various aspects of order fulfillment, including unboxing, quality checking, and packing orders for timely shipping.

Proficiently handled the physical aspect of the job by moving heavy objects, ensuring the smooth execution of display setup and inventory management.

## Community Involvement

### WEST CHESTER COMPUTER SCIENCE CLUB

#### Member

West Chester, PA

January 2021 – Present

Actively participated in coding workshops, fostering skill development in programming languages such as Java, Python, and C++ among club members. Stayed informed about industry trends and advancements by hearing guest lectures and tech talks from professionals.

-Placed in the top category in the WCPC Programming Contest

## Skills

-Proficient in Java

-5+ years' experience in customer service

-Proficient in Adobe Photoshop, Microsoft Word, and PowerPoint

-Proficient in operating and maintaining 3D printers

-Proven ability to collaborate and work efficiently in team environments