Andrew Lodise

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Portfolio URL | Github URL | Linkedin URL

EDUCATION

West Chester University of Pennsylvania **– Bachelor of Science in Computer Science**
Graduated May 2024 – Department GPA: 3.5
Relevant Coursework: Software Engineering, Compiler Design and Construction, User Interfaces, Modern Web Applications, Database Management System, Cloud Computing, Digital Image Processing

Delaware County Community College **– Associates of Science in Computer Science**
Graduated May 2020 - GPA: 3.6

RELEVANT EXPERIENCE

Software Engineering Consultant – Nesis Labs   February 2024–Present
- Aided in the design and development of ecommerce website
- Helped troubleshoot online store bugs and problems

Customer Service Representative – Microcenter   January 2019–March 2020
- Gained hands-on knowledge about computer parts by working around an extremely well-informed team
- Continuously exercised verbal communication skills when greeting and checking out customers

ADDITIONAL EXPERIENCE

Customer Service Associate – Wawa   May 2023–Present
- Learned and implemented time management skills to achieve many tasks in a day
- Gained communication and teamwork skills by collaborating with the team to make sure everything is done

Farm Operations Assistant – The Resonant Horse   May 2023–Present
- Learned and implemented time management skills to achieve many tasks in a day
- Gained communication and teamwork skills by collaborating with the team to make sure everything is done

Professional Video Game Player – Smite (Hirez Studios)   January 2022–September 2023
- Implemented strategic thinking and problem solving to perform at the highest level possible
- Gained leadership skills by collaborating with my team to ensure success

PROJECTS

Portfolio Website – Link to Website   February 2024–Present
- Leveraged React and React Router to create a modern, single-page application (SPA) with dynamic user interfaces
- Applied Tailwind CSS for rapid, efficient styling, emphasizing responsive design principles

Stock Lookup App – Link to Page   April 2024
- Developed a React project to quickly view, process, and analyze the data of popular stocks
- Implemented API calling to external endpoints to retrieve current and historic data

Outfit Recommender – Link to Page   December 2023–January 2024
- Engineered a Python application to recommend daily outfits by analyzing local weather data, improving the decision-making processes for users
- Implemented a user interface with Tkinter for straightforward and effective user interaction
- Integrated web scraping techniques and external API calls to accurately gather and process real-time weather data

SKILLS

- 4 years of experience with **Java** and object-oriented programming principles
- 3 years of experience with **Python**, used for data analysis, image processing, and personal projects
- 2 years of experience with **JavaScript**, **React**, and **CSS** to create and style responsive single-page web applications
- 5 years of experience using **Git** for version control
- Experience writing **SQL** queries to retrieve data from databases
- Experience connecting backend **Nodejs** servers and **React** components to **MongoDB** databases manipulate data
- Experience sending http requests to external **API**'s
- Exposer to cloud computing architecture including **Docker** for containerization and **Kubernetes** for cloud deployment