

FAZLEMALAK CHIMTHANAWALA

🌐 [linkedin.com/in/fazlemalakchimthanawala](https://www.linkedin.com/in/fazlemalakchimthanawala) | 📄 [GitHub.com/Fazle-M-Chim](https://github.com/Fazle-M-Chim) | 📍 State College, PA
☎ 484-987-8377 | 📧 fazle-m-chim.github.io | ✉ fazlemalak.asif@gmail.com

EDUCATION

The Pennsylvania State University

B.S. in Computer Science; GPA: 3.72/4.00

Minor in Math;

University Park, PA

May 2026

- Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming (JAVA), Intermediate programming (Python), Data Structures (C++), Advanced Calculus, Discrete Math, Digital and Computer Design (Verilog)

INTERNSHIP EXPERIENCE

Infocepts

Artificial Intelligence Intern

India

June 2024 – July 2024

- Created and drove the creation of a versatile Vision-Language Model (VLM) tailored for client-specific use cases in the retail industry, resulting in a reduction of approximately 16,000 hours of manual labor, and enabling a cost savings of \$800,000.
- Conducted comprehensive research to identify and propose innovative AI-driven strategies for optimizing retail operations, facilitating the company's ability to deliver cutting-edge solutions to clients.

PROJECTS

RetailVision AI | Python developer

June 2024

- Developed and deployed "RetailVision AI," a fine-tuned integration of YOLO and ChatGPT models, tailored to enhance retail operations by leveraging advanced Vision-Language Model (VLM) capabilities.
- Created and utilized a custom dataset to fine-tune RetailVision AI, ensuring robust performance in accepting both image and video submissions for comprehensive analysis.
- Enabled client-specific use cases by ensuring RetailVision AI can monitor adherence to planogram compliance through image and video inputs, significantly improving operational compliance and efficiency.

Personal Portfolio Website | Frontend Developer

Sep 2024

- Designed and developed a fully responsive personal portfolio website from scratch, utilizing HTML5 and CSS3 for structure and styling. Hosted the website on GitHub Pages for easy access and version control.
- Implemented a multi-page architecture with smooth navigation, showcasing projects, skills, and contact information. Utilized CSS Grid and Flexbox for advanced layouts and responsive design across various screen sizes.
- Incorporated advanced CSS techniques such as animations, transitions, and custom properties (CSS variables) to create an engaging and interactive user experience. Optimized performance through efficient code structure and image optimization.

Course Scheduling Application | Lead JAVA developer

Dec 2023

- Led the development of a Java-based Course Scheduler application for a college, encompassing over 1350 lines of code.
- Ensured adherence to Object-Oriented Design principles, incorporated a user-friendly GUI using Swing, and demonstrated proficiency in method implementation and database management.

SKILLS

Technical: C++, Python, JAVA, VLM, LLM, LaTeX, PaliGemma, JAX, Prompt Engineering, Machine Learning, Natural Language Processing (NLP), PyTorch, HTML and CSS

Languages: English (Professional), Hindi (Professional), Gujarati (Native)

LEADERSHIP AND PROFESSIONAL EXPERIENCE

Resident Assistant

Aug 2024 – Present

- Fostered a safe living environment for 60+ students, organized community events, and mediated conflicts.

Creamery Store Worker, Penn State University Park (part-time)

Aug 2023 – Present

- Engaged in food service responsibilities, maintaining high standards of quality and customer satisfaction.

Secretary and Founding Member, Zeta Psi (Pi Sigma Chapter Rechartering)

Feb 2024 – Present

- Led rechartering efforts, managed communications, and supported chapter growth.