

ARTHEM FAEROVITCH

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EDUCATION

Duquesne University | Pittsburgh, PA

August 2026

B.S. Computer Science, Minor in Mathematics | GPA: 3.6

- **Relevant Courses:** Artificial Intelligence, Machine Learning, Theory Program Languages, Software Engineering, Calculus III, Linear Algebra, Intro Probability & Stat II, Communication for STEM, Public Speaking
- **Honors:** Dean's List

SKILLS

Languages: Java, C#, Python, C, C++, JavaScript, TypeScript, Russian

Tools: .NET, Blazor, PyTorch, Keras, Node.js, Azure, Git, Linux

Software Engineering: Agile, Scrum, MVC Architecture, SOLID Principles, CRUD Development, Design Patterns

Machine Learning: Object detection, Classification, Data processing, Model training & evaluation

EXPERIENCE

Owl's Nest Restaurant | Upper St. Clair, PA

July 2024 – Present

Website Development and Maintenance

- Designed and developed a **responsive website** using **HTML and CSS**, delivering a **clean, user-friendly UI/UX** aligned with brand aesthetics.
- Optimized **site layout and styling** to improve **usability and visual consistency**, ensuring a **seamless experience** across devices.
- Translated business requirements into a functional web presence, enhancing **digital visibility**.

PROJECTS

Computer Science Club | Duquesne University

January 2025 – Present

- Co-founded and serve as **Vice President** of the **Computer Science Club at Duquesne University**, leading **organizational strategy, event planning, and member engagement initiatives**.
- Organized and led **club meetings and presentations** to coordinate events, ensuring **effective communication and execution**.
- Coordinated club participation in **Perforated AI** and **SteelHacks**, managing **event logistics and team involvement** while actively competing in **hackathon-style software development challenges**.

Pokemon Card Classifier | Machine Learning (CS423)

May 2025

- Engineered a **computer vision** pipeline using **YOLOv8** and **Python** to classify Pokémon card images, achieving high-accuracy inference on eBay listing images.
- Designed and implemented a **web scraping pipeline** to collect, preprocess, and label a **custom training dataset**, enabling scalable data acquisition and improved model generalization.

DuqSchut Tutor Scheduling | Software Engineering (COSC 445W)

May 2025

- Collaborated in a **25-member Agile development team** to build a **full-stack tutor scheduling platform** using **.NET, Blazor, and Azure**, delivering **scalable CRUD functionality** across front-end and back-end systems.
- Developed and maintained features using **C#, Razor/HTML, and MVC architecture**, applying **SOLID design principles** to ensure modularity, maintainability, and clean code practices.
- Utilized **Git-based version control** and **Agile methodologies** (sprint planning, stand-ups, code reviews) to manage workflows, streamline collaboration, and ensure **high-quality, production-ready software**.