Hai Le

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Education

Pennsylvania State University   Aug 2023-May 2027
Bachelor of Science in Computer Science
Relevant Coursework: Data Structures & Algorithms, Computer Architecture, Fundamentals of Communication Networks, Principles of Software Engineering, Discrete Mathematics, OOD/OOP

Projects & Experience

Movie Recommendation Website   Feb-July 2025
- Developed a full-stack movie recommendation website using **Python, Flask, HTML, CSS,** and **JavaScript**, creating a responsive interface where users could discover 100+ movies and shows.
- Utilized **Python** and Flask on the backend to manage server-side logic, handle API requests, and render dynamic content for the frontend interface.
- Integrated the TMDb API with **JSON** (1,000,000+ films), enabling users to access real-time data on films and shows tailored to their preferences.
- Applied **HTML** and **CSS** techniques to improve visual design and navigation, while enhancing usability and interaction with **JavaScript.**
- Built a functional website that implemented browsing engagement and accessibility, while also learning how to combine API integration, system design, and **UI/UX** principles.

Computer Engineering Club
- Earned the NVIDIA DLI Deep Learning Certificate by completing an 8-hour workshop on neural networks and model optimization.
- Participated in a 10-hour hackathon where I co-developed a health and wellness app that encouraged healthy habits, different exercises, and daily well-being tracking.
- Strengthened understanding of AI, critical thinking, and management, while also improving communication and collaboration in a fast-paced environment.

NVIDIA DLI AI Certificate
- Developed hands-on skills in training, evaluating, and optimizing deep learning models.
- Applied GPU-accelerated techniques to strengthen machine learning problem-solving.

Non-Technical Experience

Sam's Club Associate   June-Aug 2024
- Supported a high-volume retail environment by assisting 100+ members per day with efficient service and product navigation, ensuring a positive member experience.
- Managed inventory of 200+ perishable goods using handheld systems to maintain accurate stock levels and minimize waste.
- Coordinated with a team of 6 associates to replenish high-demand aisles within 40 minutes during peak hours, improving store efficiency and member satisfaction.
- Increased the accuracy of inventory checks by 20% by identifying and resolving stock discrepancies and streamlining daily operations.
- Strengthened critical thinking, problem-solving, and teamwork skills by addressing unexpected challenges and ensuring smooth store operations.

Technical Skills

Programming Languages: C++, Java, Python, HTML, CSS, Javascript
Development Tools: Visual Studio, VS Code, IntelliJ IDEA, Flask, JSON
Office Tools: Microsoft Excel, Word, Outlook
Certifications: Nvidia DLI AI Certificate