

Narayan Subedi

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EXPERIENCE

Software Engineering Intern

ST Global Tech LLC

May 2024 – July 2024, Camp Hill, PA

- Played a pivotal role in developing and testing a Learning Management System (LMS), focusing on backend functionality.
- Actively collaborated with developers and QA teams and authored 100+ detailed test cases, identifying and resolving 20+ critical issues, increasing system stability.
- Led enhancements to the reporting module, reducing processing time by 25%.
- Recognized with the "Outstanding Contributor Award" for exceeding project goals and surpassing project KPIs.

Mobile Application Developer Intern

Asian Refugees United

May 2023 – August 2023, Harrisburg, PA

- Designed and implemented core features of a mobile app offering news updates, donation processing, and community engagement tools.
- Collaborated in a team of four to create a seamless user experience, increasing the organization's digital reach.
- Delivered tasks 10% ahead of schedule while maintaining high-quality standards.

PROJECTS

Flappy Bird AI

December 2024 – December 2024

- Developed an AI-driven Flappy Bird game using the NEAT algorithm to train an adaptive agent that improves gameplay strategies over generations.
- Integrated real-time AI evolution, dynamic obstacle mechanics, and dual modes for manual play and AI learning.
- Designed a modular, scalable codebase with Python, Pygame, and NEAT-Python for seamless functionality.

SuFlix – Movie Browsing Web App

github.com/narayansubedi/SuFlix • November 2024 – November 2024

- Developed a responsive movie app using React.js and TMDB API to fetch real-time movie data, including posters, trailers, and cast details.
- Designed a dynamic UI with custom icons, hover animations, and an interactive favoriting system with persistent state management.
- Built scalable components optimized for performance and deployed via GitHub.

Mock Shopping App | Class Project

February 2023

- Developed a full featured e-commerce prototype, using OOP principles to model real world entities.
- Implemented dynamic data structures such as dynamic arrays for product catalog management for seamless user interaction, including a method to verify pseudo credit card information..

EDUCATION

B.S. in Computer Science

The Pennsylvania State University Harrisburg (PSUH) • May 2025 • 3.46 /4.0

- Relevant Courses: Computer Organization, Data Structures, Algorithms & Analysis, Software Engineering, Computer Graphics, Data Mining, Machine Learning.

INVOLVEMENT

Vice President

Lion Ambassadors • August 2024 – Present

- Spearhead strategic dissemination of event information, ensuring community engagement and awareness.
- Exhibit leadership by fostering a cohesive team environment, driving initiatives, and consistently innovating communication strategies.
- Ensure that events are known and heard throughout campus, working alongside e-board members of Lion Ambassadors, and faculty of PSU H..

Treasurer

Nepali Association Club • August 2023 – May 2024

- Oversee and manage club finances, ensuring allocation of funds to maximize event success and engagement.
- Collaborate closely with event coordinator to ensure adequate funding, financial planning, and forecasting.
- Exhibit strong leadership through meticulous financial stewardship, fostering trust within the club and the PSUH campus and promoting long-term fiscal sustainability..

SKILLS

Windows XP/Vista/7/8/10/11, MacOS, Linux

Java (Advanced), C++ (Advanced), Python (Advanced), JavaScript (Advanced), CSS (Advanced), HTML (Advanced)