

Arun Khadka

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Address: Highland Heights, KY

Education

Northern Kentucky University**08/22/2022 - 05/05/2026**

BS in Computer Science, Minor in Mathematics

Highland Heights, KY

- GPA currently: 3.346
- Sophomore with a strong emphasis on Object-oriented Programming (Java) and Web Development (HTML, CSS, JavaScript) along with experience with using Python to build simple GUI programs.
- Engaged in coursework that supports understanding of software and systems troubleshooting
- Adopted hands-on Linux proficiency spanning varied distributions and virtual environments

Technical Skills

- Programming Languages: Java, Python
- Web Technologies: HTML5, CSS3, JavaScript, Responsive Design
- Tools & Platforms: Git, GitHub, Linux, basic API and database knowledge
- Data Structures and Algorithms: Good knowledge of various algorithms and ability to break down complex problems into modular parts.
- Development Practices: Proficient in Agile methodologies, with experience in writing clear technical documentation, including comprehensive code comments. Skilled in test-driven development, effective debugging techniques, and knowledgeable in the principles of unit testing
- Knowledge of software development lifecycle
- Adept with using various computer operating systems like Mac, Windows, and GNU/Linux distributions
- Have experience with following technical designs like wireframes
- Familiar with emerging technologies like language learning model AI's

Work Experience:

Quote Repository System

- Developed a Java-based application focusing on user authentication and secure data handling
- Implemented efficient data management by enabling read/write functionalities with CSV files.
- Executed features like dynamic content generation and admin controls.

Responsive Online Store Webpage

- Crafted a mobile-first e-commerce site using HTML, CSS, and JavaScript ensuring cross-browser compatibility and responsive design.
- Ensured meticulous CSS styling for a visually coherent and aesthetic webpage layout.

Snake Game using Python

- Used Tk-inter library in Python to make a simple GUI snake game
- Developed clean, modular code by effectively utilizing classes and functions, demonstrating mastery of Object-Oriented Programming principles

Cisco Packet Tracer and Wireshark:

- Acquired in-depth knowledge of network topologies, protocols, and troubleshooting.

Relevant Coursework

- Object-Oriented Programming: In-depth learning of Java, focusing on software development with practical labs for skill enhancement.
- Web Development: Hands-on projects involving HTML, CSS, and JavaScript for optimized user-centric web design.

Professional Qualities

Analytical: Strong problem-solving skills with the ability to conceptualize complex systems.

Independent: Possesses the ability to navigate projects to work independently, coupled with an openness to constructive feedback. Also seeks assistance when needed to ensure optimal outcomes.

Organizational: Capable of managing time effectively and prioritizing tasks.

Adaptable: Eager to learn from professionals and enhance personal skillset.

Communication: Proficient in verbal communication and can easily communicate technical concepts and collaborate with teams.

Job-Related Requirements

- Equipped for remote work if required with a dedicated workspace and access to high-speed internet.
- Technology savvy, with the ability to quickly adapt to new tools and platforms.

Interests

- Passion for integrating technology with a healthy lifestyle.
- Active participation in fitness activities, exploring music, and cultural events.

Commitment

I am eager to apply my IT skills in a dynamic environment, contributing meaningfully to the company's objectives. I am also enthusiastic about engaging with the broader professional community, both within and outside the organization, to promote both personal and professional development.