

Kripa Adhikari

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SKILLS

Programming Languages: C++, Python, Java,
Tools: MS Word, MS Excel, MS PowerPoint, GitHub, Drupal
Web Programming Concepts: HTML, CSS, JavaScript, TypeScript, Bootstrap, Git (Version Control)

EDUCATION

Youngstown State University (YSU), Youngstown, Ohio
College of Science, Technology, Engineering & Mathematics (STEM)
Bachelor of Science in Computer Science
Minor: Mathematics
Anticipated Graduation: May 2026

WORK EXPERIENCE

Web Developer, Cliffe College, Youngstown State University
September 2022 - Present

- Development of interactive web pages
- Content update on websites and creating new landing pages for different Cliff college events
- Using Drupal, HTML5, CSS3, Bootstrap

RELEVANT PROJECTS

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- **Fraction Calculator:** Implemented a fraction class using C++, (Object Oriented Programming) and then implemented a fraction calculator that can handle addition, subtraction, multiplication, and division using operator overloading
 - **Set Data structure:** Implementation of Set data structures that only contains unique values, and can perform operations between set such as Union, Difference, and Intersection. Implemented using both Vector (Dynamic Arrays) and Linked-List.
 - **Personal Website:** Created and hosted personal website on GitHub using HTML5, CSS, JavaScript, and Bootstrap. •
 OOP Projects: Completed OOP projects w/ Inheritance, Polymorphism, Abstraction, and Encapsulation

CERTIFICATES

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- Excellence in Writing Award Certificate, English and World Languages Department, YSU
 - Introducing Functional Programming in C++ (LinkedIn Learning Certificate)
 - Code Clinic: C++ (LinkedIn Learning Certificate)
 - C++ Templates and the STL (LinkedIn Learning Certificate)
 - C++ Essential Training (LinkedIn Learning Certificate)
 - C++ Best Practices for Developers (LinkedIn Learning Certificate)

RELEVANT COURSEWORK

Data Structures and Objects, Development of Databases, Advanced Object-Oriented Programming, Programming and Problem Solving, Honors Calculus I, II, Quantitative Reasoning, Computer Organization, Computer Architecture, Information Assurance, Operating System, Professional and Technical Writing, Software Engineering, Linear Algebra, Probability and Statistics

HONORS AND AWARDS

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- Excellence in Writing Award, English and World Languages Department, YSU
 - Academic Excellence Award, YSU International Programs Office
 - Honors Award, YSU Honors College