

## EDUCATION:

Bachelor of Science in Computer Science with Minor in Mathematics  
Youngstown State University, Youngstown, Ohio

## Skills and Tools

**Languages:** Java, C++, Python, JavaScript, CSS, HTML, Visual BASIC, R  
**API and frameworks:** Google Maps Python API and Django web framework

## Design and Prototyping Tools:

Figma, Sketch, Axure, Adobe Creative Suite with working proficiency in Adobe XD, Illustrator, InDesign, and Photoshop

## WORK EXPERIENCE

### Graphics Designer – Marketing and Communications, Youngstown State University

**January 2019 - Present**

- Designed and illustrated various artworks, logos and working samples for clients across the university departments.
- Coordinated with web team in developing University's website mock-ups and mobile application layout.
- Collaborated with fellow designers on updating the Visual Standard Guidelines for the university.

### Information Technology Intern – Raman Construction Pvt Ltd, Kathmandu, Nepal

**December 2019 - January 2020**

- Facilitated in maintaining and troubleshooting various network infrastructures and IT components across the company departments.
- Aided in installation of various software and hardware components as required.
- Delivered routine maintenance of company's website and email servers.

### Activity Leader, YSU afterschool Program – Center for Human Services Development

**October 2017 - January 2019**

- Formulated and executed lesson plans on various STEM topics for middle school and high school students.
- Conducted coding sessions for students using block-based Visual Programming languages – Scratch and CodeMonkey.
- Mentored and guided students to choose their future career path through getting ready for college program.

## RELATED COURSE PROJECTS

### Software Engineering - An Accident Management and Rapid Response System

- Engineered and designed the web application through agile software development practice.
- Researched and identified Customer Statement of Requirements with clients, mostly EMTs and first responders to design the web interface.
- Furnished the User Interface System Requirements of the application web interface.
- Integrated the Google Maps API on the web application.

### Human Computer Interaction - Alternate Platform for Online Teaching Learning

- Researched and analyzed several online Learning Management Systems, including Blackboard Learn, Sakai, Udemy etc. and performed usability testing.
- Appraised and documented the user experience of various LMS by surveying fellow classmates and university students.
- Conceptualized appropriate User Interface and layouts in accordance to HCI principles.

### Server-side Web Development - Rubik's Cube Shopping Cart project

- Programmed E-commerce website in NetBeans with Java following Model View Control Model.
- Ensured proper validation while storing in database and displayed error messages accordingly.
- Integrated the website with Apache Derby Java Database for easier storage and access of the consoles information, quantity, types, color, storage, and session management to implement shopping cart functions.

## UNIVERSITY COURSEWORK

Human Computer Interaction, Visual Object-Oriented Programming, Server-Side Web Development, E-Commerce Programming, Networking Concepts and Admin, Development of Database, Probability and Statistics, Entrepreneurship New Venture Creation, Clothing and Image Development