



MANOJ SHRESTHA

COMPUTER ENGINEERING

CONTACT

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EDUCATION

2021 - SEE Passed
NEW HORIZAN INSTITUTED

- GPA: 3.25 / 4.0

2021-2024
CRIMSON TECHNICAL COLLAGE

- Diploma in Computer Engineering
- Percentage: 72.12%

SKILLS

- Project Management
- Teamwork
- Adaptability
- Time Management
- Leadership
- Communication Skills

LANGUAGES

- English (Fluent)
- Nepali (Fluent)
- German (Basics)
- Hindi (Intermediate)

OBJECTIVE

Motivated and passionate Computer Engineering graduate with a strong foundation in programming, hardware, and software concepts. Eager to apply my knowledge and technical skills in a professional environment while continuously learning and growing.

TECHNICAL SKILLS

- **Programming Languages:** Java, HTML/CSS, JavaScript
- **Software Tools:** Microsoft Office, Visual Studio Code, Git
- **Web Development:** HTML, CSS, JavaScript
- **Database Management:** MySQL

PROJECTS

• Arduino 74HC595 16 LED with 18 Effects

- Developed an Arduino-based 16-LED system using the 74HC595 shift register, implementing 18 different lighting effects for dynamic visual output.
- Technologies used: Arduino, C++, 74HC595 Shift Register, LED Modules

• E-commerce Website

- Developed an online Gadgets store with a focus on responsive design and dynamic user experience
- Technologies used: HTML, CSS, JavaScript
- Functionalities Implemented.:
 - Responsive design for mobile and desktop
 - Product catalog for gadgets with filtering and search
 - Shopping cart with add, remove, and update functionality
 - Checkout page for order summary and shipping
 - JavaScript for interactive UI elements

• Home Automation System using Arduino

- Developed a home automation system to control devices like LED lights, fan, and door remotely using Arduino. Integrated relay modules, Bluetooth/Wi-Fi, and a servo motor for automation.
- Technologies used: Arduino, Relay Module, Bluetooth/Wi-Fi Module, Servo Motor, LED Module

HOBBIES & INTERESTS

- Coding & Learning new technologies
- Playing chess/games (if applicable)
- Reading books