Prashant Timalsina

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EDUCATION

Springfield College, BS in Computer Science, BA in Arts & Design, Math (minor), *Honors*   Aug 2020 - *Dec 2024*

- Maintained a 3.98 GPA
- President of the Computer Science club
- Awarded $165,000 worth of scholarships over 4 years of college
- Won the Departmental Award 2022 & College Writing Excellence Award 2021

XR Terra, VR Development Bootcamp   May 2022 - July 2022

Budhanilkantha School, University of Cambridge A-levels   May 2017 - June 2019

EXPERIENCES

Research Assistant   *to Dr. Jeremy Castagno*, Springfield College, MA   Dec 2022 - Current
for Reference/Verification: (385) 204 - 6580

- Creating a front-end system for motion tracking in physics utilizing a webcam and computer vision algorithm to track the position of an object undergoing planar motion accurately as a function of time on a linear track.
- Building a responsive dashboard website using React with TypeScript and Zustand.

Web Designer   *Springfield College*, MA, USA   May 2022 - Current
for Reference/Verification: (617) 872 - 5934

- Designing and updating web pages for the college website as requested.
- Drupal 9 used as the Content Management System.
- Involved in content creation and serving as social media consultant as well.

Frontend Developer   *Giclée Printing & Framing of New England,* Indian Orchard, MA   August 2022 - Dec 2022
for Reference/Verification: (385) 204 - 6580

- Coded the entire website in two weeks as a project work.
- Used TailwindCSS and AlpineJS as frameworks.

PROJECTS

BasketBrawl - A VR game experience that will let you get the feel of playing basketball at street level.
              [Made in Unity game engine with C# scripts managing the game, sound, and animation]

rememberCOVIDfacts - A memory webgame designed at **HackHolyoke 2021** to make people re-remember COVID infos.
              [Used HTML5, CSS3 and vanilla JS to design the game, the graphics created in illustrator]

COURSES TAKEN

Intro to Computer Science using C++, Data Structures and Algorithm, Data Analysis using R, Database Development and Management, Experiential Web Dev, 3D Animation, 3D Video Game Design, Graphic Design, Motion Graphics, Probability and Statistic, Computer Animation, Intro to Mobile Programming, Calculus I-III, Embedded Systems for Robotics, Data Science, Advanced Design Studio, etc.

SKILLS

C++, Python, C#, R, SQL, HTML5, CSS3, Javascript, Typescript, React.js, TailwindCSS, Redux, NodeJS, RESTful APIs, Browser Developer Tools, UI/UX, Figma, Unity, Adobe Animate, Premiere Pro, Photoshop, Illustrator, After Effects, Git, etc