Nadun Bandara

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Education

B.Sc. Honors in Engineering (UG) - University of Moratuwa   *March 2024 – Present*
Department of Electronic and Telecommunication Engineering

- SGPA: 3.79/4.00
- **Coursework:** Real Analysis, Riemann Integration, Programming Fundamental (Python), Electrical Fundamental, Material Science, Fluid Mechanics

Bandarawela Central College   *Jan 2014 – Feb 2023*
G.C.E. A/L 2022(2023) - Physical Science Stream

- 3As / Z-score 2.1668
- **Coursework:** Mathematics, Physics, Chemistry

G.C.E. O/L 2019

- 9As

Experience

Freelance Graphic Designer   *2018 – 2020*
Fiverr and Upwork Inc.

- Designing professional flyers, banners, book covers, logos, and NFT artwork for clients worldwide.
- Proficient in Adobe Illustrator and Photoshop, ensuring high-quality and visually appealing designs.
- Specializing in branding, visual storytelling, and layout design to create impactful marketing materials.
- Collaborating with clients to bring their vision to life with unique and customized graphic solutions.

Professional Video Editor   *2019 – 2024*
Fiverr

- Specializing in high-quality video editing, motion graphics, and animation using Adobe Premiere Pro and After Effects.
- Crafting engaging and visually compelling content for professional creators, educational institutions, and healthcare organizations.
- Enhancing brand storytelling through advanced editing techniques, dynamic transitions, and polished visual effects.
- Collaborating with clients to produce tailored video solutions that meet industry standards and creative objectives.

Projects

4-bit Arithmetic Logic Unit (ALU) Design

- Designed and implemented a 4-bit ALU using digital logic gates, enabling addition, subtraction, and comparison operations.
- Employed Karnaugh maps for logic minimization, and optimizing circuit design.
- Utilized Logisim for simulation and verification of ALU functionality.
- Implemented full adders, subtractors, and comparator circuits.
- Demonstrated proficiency in digital logic design and combinational circuit analysis.

Skills

Languages: Python, C++, mikroC, MATLAB, Assembly

Softwares: SOLIDWORKS, Proteus, Altium, Adobe Photoshop, Adobe Illustrator, Adobe Premiere Pro, Adobe After Effects