

Lovepreet Singh

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Projects

Electric Dice | Using Arduino | C++

Sep 2024 – Oct 2024

- Designed and developed an Electric Dice using a breadboard and Arduino, programmed in C++ for random number generation
- Implemented innovative circuit design and coding techniques to stimulate dice rolls, enhancing practical understanding of microcontroller applications
- Demonstrated proficiency in electronics and programming by integrating hardware and software components to create a functional and interactive project

Webpage on Land resource Management | Html | Css

Aug 2024 - Sep 2024

- Designed and implemented a 5-page website on the "Environmental Implications of Rising Populations," utilizing HTML, CSS, and JavaScript to create an informative, user-friendly platform
- Incorporated real-time global population statistics through an API, with the live population updating every 10 seconds, providing users with up-to-date data on over 8 billion people..
- Applied best practices for front-end optimization, including reducing page load time by 30% through efficient coding, image compression, and minimizing API call delays.
- Github Repository Link: <https://github.com/Lovepreetsingh2006/projectCHE>

Certificates

Cyber Security- Workshop

Sep 2024

By VANGUARD- *Secuneus Tech*

Interview Skills

Oct 2024

By *codingtantra*

Drive Dev Hackathon

Sep 2024

By Drive Dev

Technical Skills

Language: PYTHON

Technologies/Frameworks: GitHub, Ubuntu, Html, Css

Skills: Problem-Solving, Collaboration, Creativity

Education

Lovely Professional University Punjab

2024 – 2028

Computer Science and Engineering

Jalandhar, Punjab

Hoshiarpur Institute of Management and Technology

2023--2024

Intermediate with science — 85%

Hoshiarpur, Punjab

St. Soldier Divine Public School, Garhdiwala

2021--2022

10th with Science — CGPA: 7.5

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