Dipesh Chandra Jha

Bhaktapur, Radhe Radhe-15, Bagmati Province, Nepal, 34000

Contact No: +977-9813787676; Email: jhadipesh123@gmail.com

https://www.linkedin.com/in/dipesh-chandra-jha-946230214/

https://github.com/Dipeshjha123

dipeshjha.com.np/

ACADEMIC QUALIFICATION

Bachelor of Engineering in ***Electronics, Communication, and Information Engineering*****,** IOE Purwanchal Campus (Eastern Region Campus), Tribhuvan University**,** Dharan, Nepal, (**November2018 - September 2023**) Percentage: 64.87%

PROFESSIONAL LICENSURE

- Nepal Engineering Council, NEC
- Nepal Engineers Association, NEA

WORK EXPERIENCE

During my studies, I completed several electronics projects which gave me hands-on experience in designing, coding and building electronic circuits and systems. These projects helped me to develop my problem-solving and analytical skills. I am eager to use my skills and knowledge in a professional work. As a fresher, I currently do not have any experience.

National Population Census Sunsari, Dharan *Oct'30 – Nov'28*

- Successfully completed National Population and Housing Census 2021 as Census Enumerator under Government of Nepal.

ACADEMIC PROJECTS

Title: REAL-TIME ARRHYTHMIA DETECTION USING CNN ON ECG SIGNALS
Type: Major (THESIS)
Objective: To classify normal and abnormal heart rhythm conditions using different CNN architectures and to make ECG testing handy, user friendly, economical and easy for users and interpret his /her condition. This model is designed to automatically learn discriminative features from raw ECG signals without manual feature extraction. We evaluated performance of the model trained on the publicly available MIT-BIH Arrhythmia dataset and achieved an overall 85% of test accuracy.

Title: ALCOHOL DETECTION AND VEHICLE LOCKING SYSTEM
Type: Minor
Objective: Our project aims to make human driving safer while also preventing accidents. This project is made by combining an alcohol sensor with an Arduino board. The ATmega328 processor on the Arduino can perform more tasks than traditional microcontrollers. The MQ3 alcohol sensor was utilized in this experiment to detect the presence of alcohol in human breath and GPS and GSM module to send the alert message with location to pre-registered number in the code.

NON-ACADEMIC PROJECTS

- Built a Kura-Kani website using Socket. IO and Node Js. It's a live chat messenger website.
- I designed an e- commerce amazon front interface layout using HTML, CSS and Java-Script.
- A stunning Facebook front page clone meticulously crafted using HTML and CSS
- Check it out: https://dipeshjha.com.np/

SKILLS

- **Programming:** HTML, CSS, JavaScript, C/C++, Node.Js.
- **Software/Tools:** Vs-code, Photoshop, Arduino IDE, MS Office365, Figma.
- Good communication.
- Problem solving skills.

Languages: English, Nepali, Hindi.

AWARDS TRAINING & ACHIEVEMENTS

- Merit-based Full Academic Scholarship for Undergraduate Studies, awarded by Tribhuvan University (TU).
- Awarded scholarship funds in four semesters during undergraduate study for good academic standing.
- Received the Award with prize money for Scoring "A" Grade in the SLC examination.
- Completed the Web Development Bootcamp for 2023 by Dr. Angela Yu.

INTERESTS

- Music
- Traveling
- Reading books
- Investing

CO-CURRICULAR ACTIVITIES

- Volunteered at the program "National Population and Housing Census 2021" in Sunsari, Dharan
- Worked collaboratively with the mayor of Dharan in the cleanliness campaign of Seuti River and around campus.
- Participated in a relief program conducted by our community in Kathmandu Nepal, 2015 to help victims of the Earthquake. We collected food and clothes from each house along with some donations and handed it over to the Red Cross.