

Sudip Adhikari

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EDUCATION:

Tribhuvan University-IOE Purwanchal Campus

Dharan, Nepal

BE Electronics and Communication Engineering

March, 2021

- Relevant Coursework: Instrumentation, Control Systems, Data Structures, Machine learning, Linear Algebra, Probability Theory
- Technical Skills: Electronics Circuit Design and PCB Etching, php, C, C++, Unity, Git, Blender, ADS, MATLAB

College of Software Engineering, CTEVT

Chitwan, Nepal

Diploma on Hardware and Networking Technology

April-August 2014

- Relevant Coursework: Computer Networking, Components Repairing and Design
- Technical Skills: PCB Repairing and Troubleshooting, Routers and Switches Configuration, Laptops and Desktop repairing.

WORK EXPERIENCE:

Center for Urban and Global Studies Sponsored Independent Project

Project Leader

May 2021 – June 2022

- Created a platform (website and mobile app) to assist Nepalese High school graduates applying to the United States for further study where accurate information, guidance, and networking opportunities for students who lacked guidance counselors is provided.
- Coordinated with team members and managed a budget of \$5000 to optimize the use of funds for the project.

Tanaka Research Grant Sponsored Independent Research Study

Team Member

Apr 2020 - Present

- Investigated traditional medicine and conducted surveys and interviews among Indigenous Tharu tribes in Nepal.
- Managed a budget of \$3000 to field visit to community forests, recruit people to participate in surveys, etc.

Bright Network, UK

June-July 2020

Technology Intern

- Developed a management plan to introduce facial recognition features in the sign-in process of banking application.
- Used design sprint and agile software development method to design an effective marketing plan for the app.

Nepal Telecom, Biratnagar, Nepal

December 2019-January 2020

Electronics Engineering Intern

- Trained on an overview of Signaling Concepts, Data Transmission Systems in GSM and PSTN technologies, along with detailed study of power supply and 3G/4G tower operations.
- Performed System Monitoring of Network Equipment which includes radio frequency and power monitoring.

DELTA, IOE

Dharan, Nepal

Technical Trainer

April-May 2019

- Provided training to the secondary level students on Arduino Programming and basics of Robotics.
- Organized a district level Robotics Competition amongst the secondary level students at different schools.

SKILLS:

Programming: ReactJS, JavaScript, HTML5, CSS3, php, python, node.js, Java, Flutter

Software: VS Code, Android Studio, Proteus, Eagle, Blender, Unity, ADS, GIT, Linux, PuTTY, GNS3, Oracle.

Others: PCB Design, Soldering, Cloud Services, technical writing and software reviews.

PUBLISHED PAPERS:

- Web-Based Centralized Digital Display Boards Using Local Area Network (LAN) Application. *Int. J. Adv. Engr.* 2021, 4(2), 34-38.