Bipul Panthi

Undergraduate in Mechanical Engineering

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Skills
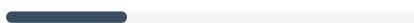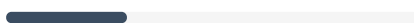
Python

C

MATLAB

C++

Micro-controllers

Flutter

English

Japanese

Education

04/2019 - 03/2023

Undergraduate in Mechanical Engineering

Tokyo Institute of Technology

04/2018 - 03/2019

Japanese Language Studies

Osaka University

Interests

▸ Drummer
▸ Music
▸ Reading novels
▸ Gaming

Career Goal

Enthusiastic and credentialed student interested in robotics, software development and front end web and app development. I am enthusiastic to learn new things and give my best dedication to my works. I am passionate about learning new technologies and a motivated self studying guy currently focusing fully on the frontend of app and web development. My Career goal is to become a frontend designer.

Work Experiences

C/C++ Engineer
Enaspiration Inc.

07/2021 - today

Experience working as a part time developer with the micro controllers such as Arduino, STMicroelectronics and ESP-32 for the smart lock company. Experiences of developing and editing the firmware required for card detection door unlock systems.

Part-time interpreter
Terilogy services

01/2021 - 07/2021

Experience working as a part time interpreter in this company. Interpretation in between Japanese-English-Nepali languages.

Awards and Grants

MEXT Scholarship for Undergraduate Studies
By MEXT Japan

04/2018 - 03/2023

Awarded with the MEXT scholarship offered by Ministry of Education, Culture, Sports, Science and Technology for the undergraduate studies. The time period of the scholarship is from April 2018 to March 2023.

Relevant Skills

▸ Web development experience with HTML, CSS and basic with FLutter
▸ Experience in data analysis and image processing in MATLAB
▸ Basic experience in data analysis, image processing and computer vision using Python
▸ Gold rank in Hackerrank Python coding
▸ Experience in firmware development in C/C++ for the face detection and card detection devices and working with microelectronics.
▸ Basic experience with ROS Noetic.

Certifications

▸ MATLAB onramp
▸ Image Processing onramp in MATLAB
▸ Machine Learning onramp in MATLAB

Miscellaneous and Projects

▸ Arduino controlled line tracing car

▸ Bluetooth controlled car with Arduino

▸ LCD screen menu navigation with STM32

▸ Various small projects with Arduino and STM32

▸ PortFolio website with HTML and CSS

▸ Quiz app with Flutter

▸ Tip calculation app with Flutter

▸ Movie rating and details app with Flutter

▸ Routine Efficiency app with Flutter (in progress)