

Bibek Parajuli

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Summary

I love to analyze the contemporary problems existing in society and come up with appropriate solutions for them – especially with help of technology. I am always fascinated by technological evolution and keep myself updated about the new technological trends in society. Especially in civil engineering, I like how modern inventions are shaping the industry. I learned different programming languages like C, C++, python, dart, etc., and applied them in various of my [projects](#).

Experience

Khwopa College of Engineering | Bhaktapur, Bagmati

Research Assistant | 06/2022 - Present

I am assigned to build a single degree of freedom Shake Table which can simulate harmonic motions and recorded data of strong ground motions. About 80% of the project is completed. The Instrument has a payload capacity of 100 Kg. Earthquakes like Chile, Gorkha, Kobe, Northridge has been successfully simulated and response is recorded. The response achieved is satisfactory.

Skills

Problem Solving, Python Programming, Latex, 3D modelling, CAD, Web Development, Robotics, Photogrammetry, GIS, Surveying, Matlab, Python GUI development, Mobile App Development, Research Experience, SolidWorks

Education

KMC School | Kathmandu, Bagmati

06/2015

Passed with Distinction. Scored 85 out of 100

KMC National Higher Secondary School | Kathmandu, Bagmati

Science | 08/2017

Passed with First Division. Scored 75 out of 100

Khwopa College of Engineering | Bhaktapur, Bagmati

Civil Engineering | 06/2022

Semester topper in Civil Engineering Faculty. Scored 75 out of 100.

Languages

English, Nepali, Hindi

Awards

Runner up at CESS 2020 National Model competition, Most Innovative Award at Intra College Arduino Competition, Recognized as young entrepreneur by national media

Contribution to Society

I have founded a company named [Sajha Kitab Pvt. Ltd.](#) It provides a common online platform where users can add ads for their used books for any reasonable price they want. Once a user uploads his/her ad, another interested buyer would look at the ad and if he/she finds the price and condition of the book reasonable, the buyer can contact the seller through the provided number and thus can buy the book. Sajha Kitab is a non-profit company which is solely established to help students. I developed the website and mobile application for the company on my own.