



SUBRAT **BASTOLA**

BE IN ELECTRICAL ENGINEERING

Profile

An adaptable and responsible person seeking opportunities to enhance my technical skills developed through my academic knowledge and involvement in various clubs during my college days. I have a clear, logical mind with a practical approach to problem solving and a drive to see things through to completion. I can work well both on my own initiative and as part of a team

Experience

- **Dec 2018 - now** **Universal Consultancy Services Pvt. Ltd.**
Design & Installation Engineer, Kathmandu
 - Worked as an installation engineer traveling mostly to rural parts of Nepal for installation of Home Solar system
 - Worked on MATLAB Simulink for the design of Micro Hydropower plant

Education

- **2014 - 2018** **Bachelor's in Electrical Engineering**
TU, IOE, Dharan
Studies courses on: Electrical Machines, Power Systems, Power plant Equipment, Transmission and Distribution, HV engineering, C, C++, circuit and systems, signal analysis ,etc.
Studied Rural Electrification, Micro Hydropower, and Biomedical Engineering as electives
- **2012 - 2014** **+2 Science**
Arniko H.S.S , Biratnagar
Studied Physics, Chemistry, Mathematics, Biology, English and Nepali
- **2000 - 2012** **Primary- Secondary education**
DAV School, Biratnagar

Skills

Software and Programming Skills

MATLAB	●●●●●●
C programming	●●●●●●
C++	●●●●●●
HTML	●●●●●●
CSS	●●●●●●
Javascript	●●●●●●

Interpersonal Skills

Communication	●●●●●●
Listening	●●●●●●
Leadership	●●●●●●

Achievements

- **National Science Olympiad 2010/11**
Winner of NSO, grade 9th in the year of 2010/11
- **ELESS Quiz Competition**
1st prize
organized jointly by the department of electrical engineering, IOE, Dharan and Electrical Engineering Students' Society

Additional activities

- **Executive Member of the Electrical engineering Students' Society 2015/16**
- **Treasurer of Electrical engineering Students' Society Committee 2016/17**

Interests

Reading



Likes reading books on Biomedical engineering, Astronomy, Quantum Physics etc

Traveling



Has traveled to atleast 40 districts of Nepal

Socializing



Likes interacting with intellectual and like-minded people on topics ranging from technology to economics

Projects

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SYNCHRONIZATION OF HYDRO,PV GRID TO A SINGLE GRID

TU,IOE,Dharan

Did a MATLAB Simulink based final year undergrad project on synchronization of independent powergrids operated by renewable sources of energy to a single hybrid grid

Languages

Nepali



First language

English



Proficiency level

Hindi



Intermediate

German



Basic