ABHISHEK ACHARYA

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Objective:

Seeking a position where I can utilize my skills that effectively contribute to the growth of organization and help me learn and develop in the process.

Academic Details:

Degree/Certificate	Board/University	Year of Passing	Percentage/CGPA	
B.Tech Electrical and Electronics Engineering (Pursuing)	National Institute of Technology Meghalaya	2017	Semester	SGPA
			1st	7.41
			2nd	7.55
			3rd	7.76
			4th	8.00
			5th	8.09
			6th	7.72
			CGPA	7.76
Senior Secondary Examination 2013	Board of Secondary Education Rajasthan, Ajmer	2013	81.80%	
Secondary Examination 2011	Board of Secondary Education Rajasthan, Ajmer	2011	88.17%	

Internship:

- Successfully completed six week summer internship on **Greenhouse Power Monitoring and Control** at **ERTS LAB, IIT Bombay**.
  Project repository link: *https://github.com/abhi11796acharya/eYSIP2016-GHPowerMonitoring*

Projects Completed:

- e-Yantra Robotics project on **Hazardous Waste Disposal** Theme during eYRC-2015.
  Project repository link: *https://github.com/abhi11796acharya/Hazardous-Waste-Disposal*
- **Slack Bus Analysis** on IEEE 14 Bus system using PSS@E simulator.
  Project repository link: *https://github.com/abhi11796acharya/Slack-Bus*
- Wireless communication system based on 2^{12} series encoders and decoders.
- Developed a **Pole climbing robot**.
- Developed a **Stair climbing robot**.
- Line follower robot using ATMEGA-16 Microcontroller.

Current Projects:
- **Six DOF Robotic Arm Controlling** through MATLAB/SIMULINK using TI's C2000 real time microcontroller.

Technical Skills:
- Familiar with following Programming Languages
  - C & C++
  - Embedded C
  - assembly
- Worked on following micro controller and micro-processor
  - 8051 Microcontroller
  - Atmel's ATMEGA16 & ATMEGA2560 AVR Microcontrollers
  - TI's CC3200 SimpleLink ARM based on chip Wi-Fi Microcontroller
  - TI's C2000 Delfino F28377S Microcontroller
  - 8085 Microprocessor
- Familiar with following Softwares
  - Matlab/Simulink
  - Proteus 8
  - Atmel Studio
  - Code Composer Studio V6.1
  - Arduino
  - Power System Simulator for Engineers (PSS@E)
  - Fritzing
  - Latex

Soft Skill:
- Team work

Co-curricular Activities:
- **Winner** of Rangoli competition organized during Shishir'16*(The Annual Socio and Cultural festival of NIT Meghalaya)*
- **Winner** of **e-Yantra-2015**(*A National level Robotics competition organized by IIT Bombay and sponsored by MHRD*) under theme Hazardous Waste Disposal.
- **Winner** of Stair Climber event organized during TechXtra-15(*Annual Technical festival*),Tezpur University.
- **Runner up** of Track Minion event organized during TechXtra-15 (*Annual Technical festival*), Tezpur University.
- Attended workshop on **Quadcopter** during Tryst-14 (*Annual Technical festival*), IIT Delhi.
- **Winner** of Line follower Robot event organized during Cognitia-13(*Annual Technical festival*), NIT Meghalaya.

Positions of Responsibility:

- **President** of Robotics and IOT club of NIT Meghalaya.
- **Coordinator** of Day Event team in Shishir'16(*The Annual Socio and Cultural festival of NIT Meghalaya*).
- **Coordinator** of Technical team in Cognitia'15(*The Annual Technical festival of NIT Meghalaya*).
- **Volunteered** in Kritik Vignanam organized by NIT Awareness Drive Committee, NIT Meghalaya.
- **Co-coordinator** of Technical team in Cognitia'14(*The Annual Technical festival of NIT Meghalaya*).
- **Mess Secretary** of Bamboo Huts Boys hostel of NIT Meghalaya during 2014-2015.

Hobby:

- Listening songs

Personal Details:

Father's name:	Shri Manak Lal Acharya
Mother's name:	Smt. Renuka Devi Acharya
Sex:	Male
Date of birth:	July,11 1996
Nationality:	Indian
Marital status:	Unmarried