ATIBHI AGRAWAL

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EDUCATION

International Institute Of Information Technology, Bangalore   *August 2016 - Expected 2021*
Integrated Masters (Btech + Mtech) in Electronics and Communication   Overall GPA: 3.23/4

Shiv Jyoti Convent School, Kota, India [Class 12]   93.4 percent in PCM

Delhi Public School, Guwahati, India [Class 10]   Overall CGPA: 10/10

TECHNICAL STRENGTHS

Skills   Ruby On Rails, ReactJs, Python, C, C++, Java, Labview, Octave, Arduino, Raspberry Pi

EXPERIENCE

Rails Girls Summer Of Code Scholar'18   02 July 2018 - September 2018
Open Source Diversity Program

· Used test driven development and agile practices to build customized ReactJS components.
· Designed and developed a full stack feature using Ruby on Rails. Increased code quality by refactoring.

Indian Institute Of Sciences, Bangalore, India   May 2018 - June 2018
Undergraduate Research

· Implemented and handled the setup of low frequency noise measurements in graphene FETs using pyvisa and pymeasure. Remotely programmed instruments using IEEE-488 interface and SCPI commands.

Shishu Sarothi, Guwahati, India   May 2017 - July 2017

· Volunteered as a Teaching Assistant at Information and Communication Technology lab at Shishu Sarothi. It is a non-profit organization working in the area of early intervention,rehabilitation,rights,legal aid etc for children and persons with disabilities in North East India.

PROJECTS

· **DIY Function Generator** Used 555 timer IC's to build a function generator that can generate various wave forms at different frequencies.
· **Motion controlled Music Synthesizer** Hand is fitted with ultrasonic transducers and three axis accelerometers. Altering the distance between the hands changes the pitch. Changing the orientation of hands will vary the amplitude. Developed and designed using Raspberry Pi and Python.
· **On demand app for Taxi Booking** An app that lets users book and track cabs.
· **Polling app** A ruby on rails web app that allows users to create,manage and participate in polls.
· **Infinite Fest Website** The website for college fest Infinite-2017.

ACHIEVEMENTS

Winner of Hypertrack AngelHacks Hackathon'18   May 2018

· Developed an app for trekkers that will let them track their activity and location.

ACTIVE POSITIONS OF RESPONSIBILTY

Core member of ACM chapter   Branding and Marketing Cell
Internet Committee   Gym Committee

EXTRA-CIRRUCULAR

Top Writer 2018 on Quora   Interested in debating and extempores.
Diploma in Fine Arts   State Level Swimmer