ATIBHI AGRAWAL

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LinkedIn ⋄ Github ⋄ aSquare14.github.io ⋄ Quora

EDUCATION

International Institute Of Information Technology, Bangalore   *August 2016 - Expected 2021*
Integrated Master's (B.tech + M.tech) in Electronics and Communication Engineering

Shiv Jyoti Convent School, Kota (Class 12)   93.4 percent   *2013 - 2015*

Delhi Public School, Guwahati (Class 10)   Overall CGPA: 10/10   *2002 - 2013*

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
· One of the seven full time teams selected worldwide to work on if-me, an Open Source organization.
· 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   *Github*
· Developed a Python script to communicate with SR760 (Spectrum Analyser) and integrated the same with 2400
Keithley Source Measurement Units using pyvisa and pymeasure for development.
· Implemented and handled the software setup of low frequency noise measurements for Graphene FETs.
· This setup will be used to measure low frequency noise in wafer level devices fabricated by the research group

Shishu Sarothi, Guwahati, India   May 2017 - July 2017
· Volunteered at Information and Communication Technology lab at Shishu Sarothi.
· Taught 50+ students basics of computers, information and communication skills.

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

RELEVANT COURSES

Machine Learning	Math for Machine Learning
Data Structures and Algorithms	Computer Networks

POSITIONS OF RESPONSIBILITY

· **Core Member of Association for Computing Machinery (ACM) Student chapter**
Gave a talk to 100+ students of National Institute Of Technology, Raipur on Open Source.
Organized a session for 300+ students with notable alumni of my college.
· **Member of Zense, the Software Development Club of IIIT-B**