

Jitesh Kumar Jha

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EDUCATION

MANIPAL INSTITUTE OF TECHNOLOGY

BTECH IN COMPUTER SCIENCE
Expected 2018 | Manipal, India
CGPA :9.02/10

LINKS

Github:// [jiteshjha](#)
LinkedIn:// [jiteshjha96](#)
Twitter:// [@jiteshjha96](#)
Google+:// [jiteshjha](#)

SKILLS

PROGRAMMING

Proficient:
C • C++ • CSS3 • JavaScript
Java • Python • Ruby • Verilog
Moderate:
C# • PHP • MySQL • L^AT_EX

FRAMEWORK

Ruby on Rails • Bootstrap • AngularJS •
Android • NodeJS

OS

Linux(Ubuntu) • Windows

SOCIETIES

2016 Linux Users Group, Manipal
2016 Volunteers Service Organization
2016 Astronomy Club
2015 Institute of Engineers, CSE

HONORS AND AWARDS

2016 Finalist, Microsoft Code.fun.do
Hackathon
2015 Top App Idea, Microsoft Code.fun.do
Hackathon
2014 AICTE Scholarship for 4 year
undergrad degree

EXPERIENCE

MUPY PYTHON CONVENTION | ORGANIZER

October 2016 | Manipal

- Organiser for MUPy 2016 - Manipal's first Python developer conference.
- Instrumental in getting support & merchandise from Python Software Foundation, USA and Python Software Society of India.

GOOGLE SUMMER OF CODE | STUDENT DEVELOPER

April 2016 - August 2016 | Remote

- 1 of 250 people in University(2018 CS class) who participated in Google Summer of Code.
- Worked on Internationalization of publiclab.org with ruby-l18n using Test-Driven Development Approach and Transifex on local server - for organizing translation effort.

INDIAN INSTITUTE OF TECHNOLOGY BOMBAY | SUMMER INTERN

May 2016 - July 2016 | Mumbai, India

- Developed an open source LabVIEW equivalent - Xcos. Xcos-on-Web is a graphical editor for designing hybrid electronic dynamical systems models.
- Leveraged **Mxgraph.js** library and graph traversal algorithms for implementation of visual connections between blocks.
- Xcos-on-Web is now employed in postgraduate classes at IIT Bombay.

FIREXIT SOFTWARE | WEB DEVELOPMENT INTERN

September 2015 - November 2015 | Manipal, India

- Single handedly developed a responsive dashboard with **AngularJS** for the unSDK product and data visualization was realized using **D3.js**.
- Revamped the existing website with **Materialize.css**.

INSTITUTE OF ENGINEERS, CSE | WORKING COMMITTEE

September 2014 - September 2015 | Manipal, India

- Assisted in managing and publicizing the different events and workshops hosted by IE-CSE along with a 3 day college level tech-fest with over 200 participants.
- Worked with teammates on the IE CSE website during 2014 Winter coding session.

PROJECTS

HELLO_FRIEND - Q&A SERVICE

- A SMS-based natural language question answering service in **Flask/Python**.
- Classified user queries into different question classes and generated response according to question class.

REMOTE SCREEN CONTROL

- A networking tool which allows interactive control, access and support of a remote computer over Local Area Network.

APRIORI ALGORITHM FOR FREQUENT ITEMSETS MINING

- Parallel implementation of Apriori Algorithm in MPI and OpenCL libraries with vertical data format approach.
- Achieved a speed up of 46% over sequential Apriori algorithm.