Jitesh Kumar Jha

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EDUCATION

MANIPAL INSTITUTE OF TECHNOLOGY

BTech in Computer Science
2018 | Manipal, India
CGPA :9.22/10

LINKS

Github:// **jiteshjha**
LinkedIn:// **jiteshjha96**
Twitter:// **@jiteshjha96**
Google+:// **jiteshjha**

SKILLS

PROGRAMMING

Proficient:
C • C++ • CSS3 • JavaScript
Java • Python • Ruby • Verilog
Moderate:
C# • PHP • MySQL • LaTeX

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

AMAZON | SDE Intern, Amazon Pay Balance

Jan 2018 - July 2018 | Bengaluru, India
- Analyzed internal ordering pipeline and improved customer experience by developing a system to cancel Add-Money orders for Amazon Pay on order timeout.
- Reduced Add-Money to Amazon Pay Wallet latency by 14%.
- Improved Add-Money order fulfillment workflow health by resolving several key issues.
- Stack: Java spring, Pearl, internal workflow management system, AWS Services - DynamoDB, Simple Queue Service, Simple Notification Service, Simple Timer Service.

UNIVERSITY OF OLDENBURG | Summer Research Intern

May 2017 - July 2017 | Oldenburg, Germany

- Worked on the Spin glass configuration energy with Traveling Salesman Problem.
- Employed Concorde - A network optimizer to different excited states constraints of spin glass configuration for lowest energy tour simulations.

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 establishing an Internationalization framework on publiclab.org with ruby-I18n 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.

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.