

Sama Gnaneshwar Reddy

CONTACT

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WORK EXPERIENCE

Microsoft

Jun 2014 — Aug 2014

Intern

Major Project : Automating APIs in **Automated Testing Framework** for a web application recently moved to **azure cloud**. Implemented **Performance report System**. (automatically generating timelines and graphs for each new build pushed into the Team Foundation server)

Minor Project : Writing **web tests** and integrating **web test plugins** in **Error report server** for Monitoring the Microsoft Axis web application.

IIT Mandi

Dec 2012 — Feb 2012

Academic Internship

Markov model simulations and **Portfolio Optimization** for financial data using **R**.

PROJECTS

Stock Recommendation : Currently working on, as part of my B-tech project. involves Training and testing Markov models and Pattern recognition techniques.

Big Data & Map Reduce : Implemented **Clustering algorithms** and **DGIM algorithm** for streaming Data, as a team we worked on twitter data streams.

Web IRC in Python : Supports multiple chat rooms, private messages and broad casts.

Open Street Maps : Dynamically attaching IIT mandi map to open street map using openLayers.JS

It's hosted on my site. Link: <http://goo.gl/NSuyMH>

SKILLS

- Proficient in **C and C++**
- **Unit testing** , **Automation Frameworks** , **Visual studio**
- Proficiency with **Linux Operating Systems** and VMs
- Handy with **Python**, **R**, **Perl**, **Shell Scripts**
- Worked on **Map Reduce** Framework **mrjob**
- **Socket Programming** and Network protocols, Firewalls

RELEVANT COURSES

Advanced Data structures and Algorithms, Analysis and Design of algorithm, Network and Database Practicum, **Operating Systems**, **Pattern Recognition**, **Big Data and Map Reduce**, Large Application practicum, Statistical Data Analysis, Operations Research, DBMS

EDUCATION

B-Tech Computer Science Engineering

IIT Mandi

CGPA 7.9

Jul 2011 — Jul 2015

Intermediate

Sri Chaitanya Jr. college

Percentage : 94.8

Aug 2009 — May 2011

ACHIEVEMENTS

- Pre-Placement Offer from Microsoft.
- Merit-cum-Means Scholarship and others for last 5 Years.
- IIT Mandi Robotics club coordinator for 2 years.

INTERESTS

- Competitive Programming (1400 points : cgauss@codeforces)
- Reading a lot on hackernews, Quora and some blogs
- Comics : Cyanide and Happiness, Dilbert, xkcd

REFERENCES

- Prof. Manoj Thakur
 - Specialization: Operations Research, Optimization Technique
- Prof. T.A. Gonsalves
 - Specialization : Networks Protocols, Distributed Applications