

Meghdeep Ray

E-mail : meghdeepr@gmail.com
Phone : +91 97 42 629690

Website: meghdeepr.in
Address: 59 Ballygunge Circular Road
5th Floor , Unit 5
Kolkata - 700 019 , West Bengal ,
India

Work experience

Ordell Ugo

September 2013 — September 2014

Member of Technical Staff

Working in Image Processing using OpenCV.

Ericsson India

June 2014 — July 2014

Intern

Worked on SLA Reporting for MBNL CR05 team utilizing Oracle Developer SQL.

Worked on Rhino Open Cloud Server Architecture.

Worked on basic Information Security.

Ericsson India

June 2015 — July 2015

Intern

Worked on generating business intelligence by trend analysis in ticketing data.

Education

Computer Science Engineering

August 2012 — Present

PES University Bangalore

Electives Taken :

- Advanced C++
- Advanced Algorithms
- Big Data
- Natural Language Processing

Final Year Project : Bitcoin Trend and Blockchain Robustness Analysis using Machine Learning Techniques

Seminar : Discovery of Ranking Fraud for Mobile Apps

Experiences

During my time in college I have participated extensively in hackathons.

Some of the hackathons I have attended include :

1. PESIT Hash Code Hackathon - Built a virtual classroom collaboration platform
2. PESIT Ayana Hackathon - Built an automated attendance system
3. Nokia Idea Hackathon - An application to generate a live disease heatmap for your area using open source medical data regarding disease outbreaks

4. Google AdMob Hackathon - Travel application
5. Hack59 - A women's safety app
6. PESSE inGenius Hackathon 2014 - HasH GaG App [<https://www.bunkr.me/meghdeepray/hashgag-stable>]
7. IBM Build with Watson Hackathon 2015 - Using Watson's Machine Learning API to generate personalized lecture notes from audio files.
8. Organized PESIT Ayana Hackathon 2015 - Built the network to provide users with internet.
9. JP Morgan Code for Good 2015 - Worked on making a collaboration platform for Dream School Foundation.
10. IISC Data Hackathon 2016 - Worked on building a model to gauge women's safety.

As a part of the Cloud Computing and Big Data Laboratory of PESIT, I have completed a team project on Dynamic Firewalls where my role was to identify packet header attributes whose anomalous behavior can be used to identify an attack. I also worked on a project that aimed to parallelize Hadoop tasks on a GPU.

As part of Ordell Ugo completed a project on image recognition using OpenCV libraries to identify littering in areas under surveillance.

Additionally I have attended various seminars on coding and computer technologies. I attended :

1. Pycon India 2013
2. Cloud Computing Workshop
3. MIT Discotech on Counter Surveillance Technologies
4. NNSC [National Networking Security Conference]
5. Gupshup Bot Builder Workshop

Was an organizer for the PESIT Ayana 2014 Hackathon.

Skills

Programming Languages: Python(3.4 & 2.7), Java, ANSI C, C++, Scala

Web Development: HTML 5, CSS 3, Javascript, PHP

Database: Oracle Developer SQL, MySQL, SQLite, MongoDB

Operating Systems: Ubuntu, Debain, Arch, Gentoo, Windows 7

Frameworks: Django (Python), Flask (Python)

Distributed Systems: Apache Spark, Apache Hadoop, HBase, Hive, Mahout

Version Control: Git, Maven

Interests

Big Data Analytics

Artificial Intelligence

Machine Learning

References

References available upon request.