Meghdeep Ray

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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
Courses Taken :

1st Semester :

- Mathematics
- Programming in Java
- Chemistry
- Electronics Engineering
- Statics

2nd Semester :

- Mathematics
- Computing Technologies
- Physics
- Electrical Engineering
- Dynamics

3rd Semester :

- Discrete Mathematics

- Data Structures in Java
- Programming in C
- Computer Organization and Architecture
- Digital Design

4th Semester :

- Linear Algebra
- Analysis and Design of Algorithms
- Database Management Systems
- Introduction to Micro Processors
- Finite Automata and Formal Languages

5th Semester :

- Computer Networks - I
- Operating Systems
- Compiler Design
- Principles of Programming Languages
- Python Application Programming

6th Semester :

- Computer Networks - II
- Unix System Programming
- Web Technologies
- Software Engineering
- Advanced C++
- Advanced Algorithms

7th Semester :

- Web Technologies 2 : Rich Web Applications
- Object Oriented Modelling and Design
- System Modelling and Simulation
- Big Data
- Natural Language Processing

Experiences

Since joining college I have participated extensively in hackathons :
I have attended the following hackathons over the last one and a half years :

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.

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 recoggnition 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]

Was an organizer for the PESIT Ayana 2014 Hackathon.

Skills

Proficiency in :

- Python
- Django
- Java
- ANSI C
- C++
- Oracle Developer SQL

Interests

Big Data Analytics
Artificial Intelligence
Machine Learning Algorithms
Research

References

References available upon request.