

Ankesh Anand

ankeshanand1994@gmail.com | +91-8348-522-098

EDUCATION

IIT KHARAGPUR

INT. MSc. IN MATHEMATICS AND
COMPUTING | 11MA20052

Expected July 2016

Cum. GPA: 8.43

DAV PUBLIC SCHOOL

AISSCE - May 2011 | Patna, India

Percentage Marks: 93.6

DAV PUBLIC SCHOOL

AISSE - May 2009 | Patna, India

Percentage Marks: 95.0

LINKS

Github:// [ankeshanand](#)

LinkedIn:// [ankeshanand](#)

Twitter:// [@ankesh_anand](#)

Quora:// [Ankesh-Anand](#)

COURSEWORK

Machine Learning

Cryptography and Network Security

Theory of Compilers

Systems Programming

Computer Organisation and Architecture

Information Retrieval

Software Engineering

Linear Algebra

Probability and Statistics

Design and Analysis of Algorithms

Object Oriented Systems Design

Discrete Structures

Programming and Data Structures

HACKS

• Sentiment analysis of live tweets during the opening match in FIFA World Cup 2014: <http://cdb.io/1kRQlao>

• An app to facilitate money sharing / splitting among friends, developed at the Yahoo! HackU 2013.

ACCOLADES

• An NTSE (National Talent Search Examination) Scholar since 2007.

• Among the top 5 teams at ACM ICPC Multi-provincial Contest 2012.

• Technology Co-ordinator at the Students' Gymkhana, IIT Kharagpur for the academic session 2013-14.

EXPERIENCE

GOOGLE SUMMER OF CODE | STUDENT DEVELOPER

May 2014 - August 2014

- Built an online benchmarking platform for system performance. It allows BRL-CAD users to view a detailed analysis of their system's performance and share their results as well as compare it across similar / different platforms.
- Implemented aggregated analytics for the platform to better determine where regressions or quirks occur as well as spot trends in performance.
- Built primarily with the Django web framework and Javascript.

MAX PLANCK INSTITUTE FOR SOFTWARE SYSTEMS | RESEARCH INTERN

May 2013 - July 2013 | under Prof. Paul Francis | Kaiserslautern, Germany

- I worked on AirCloak, a privacy focused product that provides anonymous user analytics. Implemented a tool for anonymizing and providing analytics on real-time geo-location data based on Aircloak's architecture.
- Developed a real-time dashboard to analyze the performance of our architecture using Raphael, Graphite, Cubism and d3.js.

PROJECTS

IIT KHARAGPUR AUV GROUP | SOFTWARE DEVELOPER

Dec 2013 - Feb 2013 | Kharagpur, WB

Team AUV at IIT Kharagpur builds AUVs (Autonomous Underwater Vehicles) that take part in the annual AUVERSI RoboSub competition in San Diego, California. Led the development team to build the software architecture of the vehicle along with a simulator for testing purposes.

JAANKARI | ANDROID APPLICATION

January 2015 | Inter-IIT Tech Meet

Jaankari is an Android app that makes Information and entertainment accessible to phones in remote areas with low connectivity using Wifi P2P networks. It intelligently downloads the relevant content for a user and provides a rich offline experience.

SKILLS

PROGRAMMING LANGUAGES

Over 5000 lines : Python • C++ • C • JavaScript • Matlab

Over 1000 lines : CSS • PHP • Assembly

Familiar : Java • MySQL • Android • MongoDB

FRAMEWORKS / LIBRARIES

Django • ROS • Flask • NumPy • Qt • OpenCV • d3.js • Leaflet • Bootstrap

OPERATING SYSTEMS

GNU Unix (Debian Derivatives) • Windows

AREAS OF INTEREST

Machine Learning

Robotics

Natural Language Processing