

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

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.

AIRCLOAK | SOFTWARE ENGINEERING INTERN

May 2013 - July 2013 | Kaiserslautern, Germany

- AirCloak is 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 | LEAD 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