Ankesh Anand

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EDUCATION

IIT KHARAGPUR
INT. MSc. IN MATHEMATICS AND COMPUTING | 11MA20052
Expected July 2016
Cum. GPA: 8.50

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 fiends, 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-rdinator at the Students' Gymkhana, IIT Kharagpur for the academic session 2013-14.

EXPERIENCE

HACKEREARTH | PYTHON / DJANGO ENGINEERING INTERN
May 2015 - Present | Bangalore, India
- Developed a tool to fill out a user's profile using his LinkedIn information.
- Built a feature to publish real time notifications to users across the site using the Pusher API.
- Developed a challenge recommendation engine which suggests new problems to solve for a user.

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.

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 international competitions. Led the development team to build the software architecture of the vehicle along with a simulator for testing purposes.

DISCERN | A DIVERSIFIED PAPER RECOMMENDATION ENGINE
March - April 2015
Built the online platform for Discern which recommends relevant and diversified citations in response to keyword searches.

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

FRAMWEWORKS / LIBRARIES
Django • node.js • NumPy • scikit-learn • Torch • d3.js • Bootstrap