Samyak Datta

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EDUCATION

I.I.T. ROORKEE
Integrated Dual Degree in Computer Science
CGPA: 7.92/10
Expected 2015

APEEJAY SCHOOL, NOIDA
AISSCE (Std. XII), CBSE
2010 | 95.4%
(President's Gold Medal)

APEEJAY SCHOOL, NOIDA
AISSE (Std. X), CBSE
2008 | 95.4%

LINKS

Github:// **samyak-268**
LinkedIn:// **samyakdatta**
Twitter:// **@samyakdatta**
Quora:// **Samyak-Datta**

COURSEWORK

GRADUATE
Machine Learning
Advanced DBMS
Network Programming in UNIX
Advanced Operating Systems

UNDERGRADUATE
Data Structures
(Teaching Asst)
Design and Analysis of Algorithms
Artificial Intelligence
Principles Programming Languages

AREAS OF INTEREST

- Computer Vision
- Image Processing
- Machine Learning
- Natural Language Processing

SKILLS

PROGRAMMING
C • C++ • Java • OpenCV
HTML • PHP • MySQL

INTERNSHIPS

DIRECTI | Software Engineering Intern
May 2014 - July 2014| Mumbai, India
- Worked with the Auto-Optimization team of Directi's Media.net business unit.
- Developed a system to split compound domain names into their constituent terms and also handle spelling corrections within the compound word.
- Secured a pre-placement offer on the basis of my performance.

GOOGLE | Software Engineering Intern
May 2013 – July 2013 | Bangalore, India
- Worked with the Custom Search Engine - Google Action Model Engine (CSE-GAME) team.
- Developed a mechanism to cluster co-occurring entities from Google's knowledge graph using the Subsquare clustering algorithm.
- The clustering was further applied for personalized search query suggestions.

CADENCE DESIGN SYSTEMS | Summer Trainee
May 2012 – July 2012 | Delhi-NCR, India
- Worked with the I.T. Automation team of Cadence Design Systems, India Pvt. Ltd.
- Developed a Function Point (FP) Estimation Tool using PHP and MySQL which performed the FP Estimation of the projects undertaken by Cadence.

OPEN SOURCE PROJECTS

OPENCV
Contributor at the official GitHub repository of OpenCV: the Open Source Computer Vision Library.

LINEAR ALGEBRA
On-going project
A GitHub repository hosting an open source library that contains the C++ implementations of some of the routines which are most frequently encountered in Linear Algebra.

FOSSASIA 2015 | Speaker
March 13th - March 15th, 2015 | Singapore
Invited as a speaker at FOSSASIA 2015: an annual summit focused on Open Source technologies to be held from March 13th - 15th, 2015 at NUS, Singapore.

AUTISTCONNECT | Co-founder
Co-founded and conceptualized a social venture named AutistConnect - an online collaborative platform for autists, their friends, family and mental health professionals to solve the problem of accessibility, affordability and social stigmatization surrounding mental health (specifically autism).