

PRANSHU GUPTA

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EDUCATION

April 2017	B.Tech (Computer Science and Engineering)	IIT Kanpur	8/10
April 2013	Class XII (U.P. Board)	Govt. JIC, Gorakhpur	96.2%
April 2011	Class X (U.P. Board)	Govt. JIC, Gorakhpur	86.7%

ACADEMIC ACHIEVEMENTS

- Secured **All India Rank 626** in JEE Advanced 2013
- Selected for the prestigious **KVPY** scholarship 2013
- Secured **State Rank 11** in U.P. Board Examinations (X) Merit List 2011
- Secured **All India Rank 58** in SOF National Science Olympiad 2008

INTERNSHIPS

MICROSOFT INDIA

2 May – 24 June 2016

Designed and implemented a chat bot allowing users to interact with Microsoft Dynamics in natural language

GREENDZINE TECHNOLOGIES, INDIA

4 May – 10 July 2015

- Optimizing order picking at e-commerce distribution centers by computing optimal path for the picker
- Designed and implemented Customer complaint management and Product data management systems

PROJECTS

CROWD BEHAVIOR ANALYSIS

Detecting abnormal behavior using individual trajectories

DATA ANALYTICS AS A SERVICE

A service to visualize consumer and product usage data

SKYLINE QUERIES ON DATABASES

Computing representative skylines on data with noisy comparisons

C# COMPILER

End-to-End compiler for C# implemented in Python

IMAGE COMPLETION

Restoring missing parts of an image using patch offsets

ONLINE SCHOOL MANAGEMENT SYSTEM

A web application to manage administrative tasks in schools

NachOS OPERATING SYSTEM

Extending the NachOS operating system

MINOR PROJECTS

Renju, Emacs Doctor, Robot Motion Learning

TECHNICAL SKILLS

Programming Languages (Proficient)

C, C++, Python, HTML, JavaScript, CSS

Programming Languages (Familiar)

C#, Java, PHP

Frameworks and Tools

OpenCV, Scikits Learn, Django, Node.JS

Software and Utilities

Adobe Photoshop, Adobe Premiere Pro, Autodesk Inventor

POSITIONS OF RESPONSIBILITY

Apr '15 – Apr '16

Coordinator – Fine Arts Club

Apr '13 – Apr '14

Volunteer – National Service Scheme

OTHER ACHIEVEMENTS

- Secured **A grade** in an elementary course in **German language** under the Foreign Language Program
- Secured **Rank 5** in Cartoon Design Contest – Antaragni '14 (Inter College Cultural Fest)