PRANSHU GUPTA

Email: pranshug258@outlook.com

# EDUCATION

June 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 89.7%

# 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

# TRAINER

Web Development (15th May - 27th May 2017, Association for Computing Activities, IIT Kanpur)

* Imparted training on developing web applications to a group of 40 students
* Developed training materials (sample code and notes) to review the course taught

# 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

# 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
* Secured A grade in an elementary course in German Language

# TECHNICAL SKILLS

Programming Languages (Proficient) C, C++, C#, Python, HTML, JavaScript, CSS

Programming Languages (Familiar) Java, PHP

Frameworks and Tools OpenCV, Scikits Learn, Django, Node.JS

Software and Utilities Adobe Photoshop, Adobe Premiere Pro, Autodesk Inventor