PRANSHU GUPTA

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## MICROSOFT INDIA (SOFTWARE ENGINEER) 12 June 2017 – Present

Developing modules for marketing software offering, Customer Data Enrichment Service (CDES), that serves marketing personnel of Microsoft and helps them create better sales opportunities that generate higher revenue.

# EDUCATION

## INDIAN INSTITUTE OF TECHNOLOGY KANPUR July 2013 – May 2017

B.Tech in Computer Science & Engineering GPA 8/10

# INTERNSHIPS

## MICROSOFT INDIA 2 May – 24 June 2016

* Implemented a chat bot allowing sellers to interact with Microsoft CRM Dynamics in natural language
* The Bot was built using LUIS (Language Understanding Intelligent Service) & Microsoft Bot Framework

## 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

SURVEY PROJECT A survey of algorithms inspired by nature (ACO, PSO, SA, EA)

MINOR PROJECTS Renju Game, Emacs Doctor, Robot Motion Learning

# TRAINER

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

* Imparted training on web development with HTML, JavaScript and NodeJS to a group of 40 students
* Developed training materials (sample code and docs) to help students review the course taught

# TECHNICAL SKILLS

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

Programming Languages (Familiar) Java, PHP, TypeScript

Frameworks and Tools OpenCV, Scikits Learn, Django, Angular, NodeJS

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