

Kanika Jindal

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Delhi, India

EDUCATION

GURU GOBIND SINGH

INDRAPRASTHA UNIVERSITY

B.TECH IN COMPUTER SCIENCE

2015 - 2019 | Delhi, India

Northern India Engineering College

CGPA: 8.9/10.0

LOVELY PUBLIC SR. SEC. SCHOOL

Grad. May 2015 | Delhi, India

XII : 92.4/100.0

X : 10.0/10.0

LINKS

Instagram:// jindalkanika

Github:// kanikajindal

LinkedIn:// kanikajindal02

YouTube:// KanikaJindal

COURSEWORK

EXTRA-CURRICULAR

Structuring Machine learning projects

Improving deep neural networks

Neural Networks and Deep Learning

Machine Learning

Data Structures using Python

Python for Data Science

Introduction to Python

UNDERGRADUATE

Machine Learning

Operating Systems

Artificial Intelligence + Practicum

Functional Programming

Computer Graphics + Practicum

Web development + Practicum Software

Engineering

Data Structures

SKILLS

PROGRAMMING

Over 5000 lines:

Python • Octave • C • C++

Over 1000 lines:

Java • Flask • HTML • CSS • R

Familiar:

Azure • Angular • Spring • Hibernate •

MySQL

EXPERIENCE

SOPRA STERIA | SOFTWARE ENGINEER

Aug 2019 - Present | Noida, India

CYPHERHOCK | SOFTWARE DEVELOPER INTERN

Jan 2019 | Delhi, India

- Led and shipped machine learning solution - based on convolution neural network
- Software developer - Wrote and reviewed code using Python

EZYSCHOOLING | SOFTWARE DEVELOPER INTERN

July 2018 | Delhi, India

- Worked on the Handwriting recognition dataset, in Python to plan, to design and develop the full stack to add and edit Automatic Handwriting Recognition from forms filled by parents in schools.
- Created an application for the Photo Scanner and recognition of handwritten text.

AAP (STATE GOVERNMENT) | POLICY RESEARCH INTERN & DATA ANALYTICS

Mar 2018 - May 2018 | Delhi, India

- 20 out of 500 applicants chosen to be a fellow at AAP.
- Research about various policies of govt. and provided statistics of their performance.
- I created an application for analysis of rape cases happening in and out of town, to provide charts about cases solved and pending, using R script.
- Led a team from various sectors such as literature, development, politics etc for the research and project.

RESEARCH

CORNELL ROBOT LEARNING LAB | RESEARCHER

Jan 2014 - Jan 2015 | Ithaca, NY

Worked with **Ashesh Jain** and **Prof Ashutosh Saxena** to create **PlanIt**, a tool which learns from large scale user preference feedback to plan robot trajectories in human environments.

CORNELL PHONETICS LAB | HEAD UNDERGRADUATE RESEARCHER

Mar 2012 - May 2013 | Ithaca, NY

Led the development of **QuickTongue**, the first ever breakthrough tongue-controlled game with **Prof Sam Tilsen** to aid in Linguistics research.

AWARDS

2014	top 52/2500	KPCB Engineering Fellow
2014	1 st /50	Microsoft Coding Competition, Cornell
2013	National	Jump Trading Challenge Finalist
2013	7 th /120	CS 3410 Cache Race Bot Tournament
2012	2 nd /150	CS 3110 Biannual Intra-Class Bot Tournament
2011	National	Indian National Mathematics Olympiad (INMO) Finalist

PUBLICATIONS

- [1] A. Jain, D. Das, and A. Saxena. Planit: A crowdsourcing approach for learning to plan paths from large scale preference feedback. *Tech Report, ICRA*, in press.
- [2] S. Tilsen, D. Das, and B. McKee. Real-time articulatory biofeedback with electromagnetic articulography. *Linguistics Vanguard*, in press.