Aanya Jindal

aanyajindal05@gmail.com

EDUCATION

DELHI TECHNOLOGICAL UNIVERSITY
B.Tech, Computer Engineering
Expected May 2019 | Delhi, India
CGPA(Till 6th semester) - 9.63
• Department Rank 3

S.M ARYA PUBLIC SCHOOL, PUNJABI BAGH
Completed 2015 | Delhi, India
CBSE AISSCE (2015) - 96.6%
CBSE AISSE (2013) - 10.0 CGPA

LINKS

WebPage: aanyajindal.tech
Github: AanyaJindal
LinkedIn: aanya-jindal
Codechef: ishu_05
Codeforces: ishu_05

SKILLS

• C • C++ • Java • Python • SQLite
• Android App development • Firebase
• Octave/MATLAB • Datomic

POSTIONS

• Speaker, Women Who Code, Delhi
• Co-Founder & Instructor, API-DTU
(Teach android app development)
• Instructor, DCE Coders
(Teach competitive coding)
• PR Coordinator, Engifest, 2016

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Operating Systems
Database Management System
Object Oriented Programming
Computer Networks
Compiler Design

ONLINE COURSE
Machine Learning by Stanford University on Coursera.
Deep learning and neural networks by deeplearning.ai on Coursera.

EXTRA-CURRICULAR

• Member of DTU Women's TT Team
• Love to play basketball

EXPERIENCE

INTERN AT GOLDMAN SACHS (June 2018 - July 2018)
• Implemented a Conflict Free Replicated Datatype (CRDT) in Datomic by understanding its existing functionality in the in-house proprietary database
• Modelled a Linked List in Datomic to implement a new data structure
• Optimised a Transaction using FSM by getting net effects of various trans parts
• Worked on Datomic and the in-house database

CONTENT WRITER AT GEEKSFORGEEKS (June 2017 - July 2017)
• Contributed articles on Algorithms and Data Structures

PROJECTS

POOL-IN
• Android App that enables the sharing of resources and also provides an interaction forum for college students
• Used Google Auth, Firebase DB, Cloud Functions and Android APIs

Q-ME
• Android App to automate the queuing process
• Implemented using physical bluetooth-enabled devices, Beacons

COMMUNITYPLUS
• Platform for sharing social causes in form of an Android App
• Has rewards based system, social sharing and leaderboards
• Used Google Auth, Firebase Database and Android APIs

DIGIT RECOGNITION USING MNIST DATASET
• **Self-coded Neural Network:** Achieved accuracy of 85%
• **CNN using Keras framework:** Achieved accuracy of 99.24%

PYTHON MINI-PROJECTS
• **MasterMind:** Arcade game implemented in pygame framework
• **Connect4:** Connect4 game using Artificial Intelligence in pygame
• **Zip Password Cracker:** Zip file password cracker using brute force

ACHIEVEMENTS

COMPETITIVE CODING
World Rank(WR) | India Rank(IR) | College Rank(CR)

Year	Rank	Event
2018	WR: 7 | IR: 1	Code Jam to I/O for Women
2018	WR: 96	Kickstart Round A
2018	Rank: 1	Intuit Codewar
2018	Rank: 2	Broadridge CODE-BEE 2.0
2017	IR: 97 | CR: 3	ACM-ICPC All India Online Round
2017	IR: 20 | CR: 1	ACM-ICPC Amritapuri Regional
2017	Rank: 1	SHEsIntuit – Innovation Challenge
2017	WR: 548 | CR: 5	Codechef Snackdown
	WR: 127 | IR: 61	Codechef Long
	WR: 179	Codeforces Round 422 (Div. 2)

GOOGLE FIREBASE APPFEST HACKATHON [1st] 2017 | by Google

BEACATHON [2nd] 2016 | by Coding Ninjas

CODE-N-COUNTER HACKATHON [4th] 2016 | by Nagarro

NATIONAL TALENT SEARCH EXAMINATION (NTSE) SCHOLAR
July 2013 | National Council of Education Research and Training