

Maanas Talwar

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EDUCATION

Netaji Subhas University of Technology , Delhi Formerly Netaji Subhas Institute of Technology, Delhi <i>Bachelor of Technology in Computer Science and Engineering</i> • Ranked among the top 3%.	CGPA: 8.94 / 10.0	AUG 2019 - PRESENT 4 th Semester
Amity International School, Mayur Vihar , New Delhi <i>All-India Senior School Certificate Examination (CBSE), Class XII</i> <i>All-India Secondary School Examination (CBSE), Class X</i>	PCT: 95.4% CGPA: 10.0 / 10.0	APR 2019 APR 2017

EXPERIENCE

Student Developer Google Summer of Code 2021 with SCoRe Lab Project: Scan8 Developing a distributed scanning system for detecting malicious threats embedded in files. The project works on Flask micro-web framework and leverages ClamAV antivirus engine.	MAY 2021 - PRESENT
Data Science Intern Open Technology Group, National Informatics Centre, Chennai Project: Metadata Management for Open Source Software Developed a python project to automatically identify stale releases of tools installed locally and update them.	MAY 2020 - AUG 2020

RELEVANT COURSEWORK

Design and Analysis of Algorithms	Data Structures	Operating Systems	Database Management Systems
Probability & Statistics	Multivariate Calculus	Discrete Math	Theory of Computation

SKILLS

LANGUAGES:	Python	C++	C	Dart	Bash	MATLAB	Javascript	Kotlin	
FRAMEWORKS:	Flask	Flutter	Firebase	Git	Bootstrap	Node.js	Express	Mongoose	L ^A T _E X
DATABASES:	SQL	NoSQL							

POSITIONS OF RESPONSIBILITY

App Development Head	International Organisation of Software Developers	MAY 2020 - PRESENT
Director, Content	Crosslinks: The Student and Public Relations society of NSUT	MAY 2020 - PRESENT

PROJECTS

NSUTx University's cross-platform mobile application which provides content accessibility and analytics developed using flutter.	OCT 2020 - MAR 2021
Curbon A cross-platform application to help curb an individual's carbon footprint.	MAR 2021 - MAY 2021
Social Distancing Alert Assistant Arduino powered social distancing alert assistant which signals with a variety of alarms depending on the user's proximity to others.	DEC 2020
PyWash Two-pass assembler for a washing machine's processor.	OCT 2020 - DEC 2020
ToDo List ToDo list manager to boost your productivity.	MAY 2020

CERTIFICATIONS

Google's 30 Days of Kotlin Developed an android application leveraging Kotlin.	MAY 2020 - JUN 2020
JP Morgan Chase & Co. Virtual Internship Worked on data manipulation and its effective representation.	MAY 2020