

# Maanas Talwar

🔗 [maanas-talwar.github.io](https://maanas-talwar.github.io)

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## EDUCATION

<b>Netaji Subhas University of Technology</b> , 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 5 <sup>th</sup> Semester
<b>Amity International School, Mayur Vihar</b> , New Delhi <i>All-India Senior School Certificate Examination (CBSE), Class XII</i>	PCT: 95.4%	APR 2019
<i>All-India Secondary School Examination(CBSE), Class X</i>	CGPA: 10.0 / 10.0	APR 2017

## EXPERIENCE

<b>Student Developer</b> <b>Google Summer of Code 2021 with SCoRe Lab</b> Project: <a href="#">Scan8</a> Developed a distributed scanning system for detecting malicious threats embedded in files. Formulated a test suite to help maintain the application in a CI/CD pipeline.	MAY 2021 - AUG 2021
<b>Data Science Intern</b> <b>Open Technology Group, National Informatics Centre, Chennai</b> Project: <a href="#">Metadata Management for Open Source Software</a> 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 <sup>A</sup> T <sub>E</sub> 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

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

## CERTIFICATIONS

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