Maanas Talwar

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EDUCATION

Netaji Subhas University of Technology, Delhi   CGPA: 8.90 / 10.0   AUG 2019 - PRESENT
Formerly Netaji Subhas Institute of Technology, Delhi   5th Semester
Bachelor of Technology in Computer Science and Engineering
• Ranked among the top 3%.
Amity International School, Mayur Vihar, New Delhi
All-India Senior School Certificate Examination (CBSE), Class XII   PCT: 95.4%   APR 2019
All-India Secondary School Examination(CBSE), Class X   CGPA: 10.0 / 10.0   APR 2017

EXPERIENCE

Student Developer   MAY 2021 - AUG 2021
Google Summer of Code 2021 with SCoRe Lab
Project: Scan8
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.

Data Science Intern   MAY 2020 - AUG 2020
Open Technology Group, National Informatics Centre, Chennai
Project: Metadata Management for Open Source Software
Developed a python project to automatically identify latest releases of locally installed tools
and download them.

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

CERTIFICATIONS

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