

Sumit Kumar Jha

B.Tech Computer Science and Engineering | MNNIT Allahabad
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EDUCATION

MNNIT - ALLAHABAD

B.TECH IN COMPUTER SCIENCE
2020-2024 | Allahabad, UP
7.98/10 CPI | No backlogs

DSDT DAV KVB SCHOOL

HIGHER SECONDARY EDUCATION
2019 | Biratnagar, Morang
Percentage: 81.8%

DSDT DAV KVB SCHOOL

SECONDARY EDUCATION
2017 | Biratnagar, Morang
9.2/10 CGPA

COURSEWORK

UNDERGRADUATE

Computer Programming
Operating system
Computer Networks
Computer Networks
Discrete Mathematics
Database Management System
Data Structures and Algorithms
Object Oriented Modelling | OOPs
Computer Organisation | Architecture
Data Mining | Machine Learning

LINKS

Github: /zhasumit
Twitter: /Sumit_JhaG
LinkedIn: /sumitzha
Leetcode: /sumitzha
Portfolio: sumitjha.vercel.app
email: sumitjha2057@gmail.com

SKILLS

PROGRAMMING LANGUAGES

• C/C++ • Python • JS • TS

WEB TECHNOLOGIES

• HTML • CSS • SASS • ejs • NPM
• NodeJS • ExpressJS • MongoDB
• MySQL • React • Redux • Tailwind

TOOLS

• git • github • Figma • Docker • VScode
• Platforms: Windows, Debian

INTERESTS

• Development • Journaling
• Travelling • Anime & Movies

FREELANCE

REDMUD COFFEE BIRATNAGAR

UI/UX DESIGN & FRONT IN REACT | FEB 2024- MAR 2024

- Designed the landing page of the coffee shop, with minimalism.
- Used React, React router & Tailwind to forge the website from scratch.

PROJECTS

PIPELINE MALWARE DETECTOR

INDIVIDUAL | DATA MINING PROJECT | MAY 2024

- Model training for detecting malware and benign programs in windows
- Works on semi supervised learning where the model predicts the executable on the basis of program execution patterns and headers
- Also uses tokenization and bagging of data based on other previously bagged URLs in order to distinguish a bad DNS route

JOB HUNT

INDIVIDUAL | MERN STACK | MAY 2023 - AUGUST 2023

- Website for finding jobs in the marketplace
- Login/signup feature for both users and employers.
- applicants can apply for a job providing the resume
- Contains a creator panel, which are authorized and can create the jobs with descriptions and locations. Jobs can be edited and changed by the creators and can accept/decline the applicants.

SHOPI

INDIVIDUAL | MERN STACK | MAY 2023 - AUGUST 2023

- Web-application with payment integration, for purchasing electronics
- Login/signup feature for both users and admin
- Website maintains the order details for both customer and admin.
- Contains an admin panel, where admins can change the authorizations and track details of orders, whereas user can only see the order history.

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INDIVIDUAL | ALGORITHM OPTIMISATION | MAY 2023 - AUGUST 2023

- Overlapping communities detection algorithm using nodes
- The propagation check of the algorithm was changed for unlabelled random nodes,
- IL value was changed and propagation basis of neighbor nodes with same label, #labels, degree were taken

ACHIEVEMENTS

- Solved 600+ coding problems on algorithms, in pursuit of logic building.
- Top 5 in Aviskar - web development intracollege competition 2022.
- Secured 2100 in SAT subject Test (SAT-II) 2019.

POSITION OF RESPONSIBILITIES

- Mentor at SMP, Student Mentorship Portal Computer Science and Engineering department, MNNIT