

APOORVA KASHYAP

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EDUCATION

National Rail and Transportation Institute, Vadodara

Bachelor of Science in Transportation Technology

Distinctions: Top 5% of Class

Coursework: Data Analysis and Representation, Mathematical Modelling using MS Excel, Flows in Transportation Networks, Principles of Information Systems, Programming Languages, Linear and Dynamic Programming, Systems Thinking, Project Management, Vehicle Systems Design, Essentials of Business Technology, Essentials of Business Management, Supply Chain Management

Graduation: Jun 2022

GPA: 8.74/10.00

SKILLS

Languages: Python, JavaScript, HTML, CSS, SQL

Frameworks: React, Flask

Technologies: Git, PostgreSQL, Github

Operating Systems: Linux, Windows

Tools: MS Office, NMap, Nessus, THC Hydra, Hashcat, Metasploit Framework, Burp Suite

WORK EXPERIENCE

Centre for Railway Information Systems Research Intern New Delhi, India Jul 2021 - Sep 2021

- Analysed websites belonging to 15+ railway organisations across the world.
- Prepared a detailed report suggesting changes in 2 websites to improve user experience and security.
- Proposed 2 alternatives for the current CMS of these sites.

Cue Learn Pvt. Ltd. (CueMath) Coding Instructor Part Time, Contractual Jan 2021 - Aug 2021

- Taught Python and Javascript by incorporating instructional technologies in course delivery for online instruction.
- Guided students through the fundamentals of programming.

Indian Railways (DDU Division) Research Intern Mughalsarai, India Aug 2020 - Aug 2020

- Studied the implementation of Bio Toilets in Indian Railways coaches from a techno-environmental perspective.
- Gathered, arranged and corrected research data to create representative graphs and charts highlighting results for reports.

LEADERSHIP EXPERIENCE

Debate and Quiz Society, NRTI Co-Founder Aug 2020 - May 2022

- Organised 10+ workshops, quizzes and competitions to inculcate the debating and quizzing culture in the institution.

Student Representative Aug 2021 - May 2022

- Elected by a majority of 75% votes.
- Worked with the administration to organise 3 fests, 2 industrial visits and 5+ speaker talks.

Graphic Design Team, Annual Sports Fest, NRTI Member Mar 2022 - Apr 2022

- Designed the official brochure of the fest. Also contributed to the creation of 150+ player profiles.

Hospitality Team, NRTI Core Member Apr 2022 - May 2022

- Supervised the arrangements made for welcoming the 5+ dignitaries. Also contacted 15+ vendors to set up stalls.
- Generated income from vendor stalls to account for ~20% of the fest costs.

PROJECTS

Consumer Purchase Intention of Two Wheeler Electric Vehicles: A Study of Indian College Students

- Conducted a comparative study to identify the 4 primary factors that people considered important while buying a fossil fuel based two wheeler versus an electric one.
- Evaluated the data collected from 200+ respondents through descriptive analysis and factor analysis to identify the various associated factors using IBM SPSS and Microsoft Excel.

Path Planning on a Transit Network

- Took up a hypothetical case of a tourist visiting Delhi and using Delhi Metro as a means of transit. Generated various routes and travel plans, while taking factors like travelling time, headway and budget into consideration.

CERTIFICATIONS & VIRTUAL EXPERIENCE PROGRAMS

Fintech Engineering Virtual Experience Program (Goldman Sachs) | Cyber Security Management Virtual Experience Program (ANZ Australia) | Complete Ethical Hacking Bootcamp (Zero To Mastery)

INTERESTS

Reading Fiction, Video Editing, Image Editing, Distro Hopping, Listening to Music, Playing Basketball