



SIKANDAR BURNWAL (21MA40026)

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IIT Kharagpur

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EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2023	Masters	IIT Kharagpur	8.8 / 10
2020	B.Sc.	BBMKU, Dhanbad	8 / 10
2017	WBCHSE	DAV High School, Asansol	69.40%
2015	WBBSE	Ratibati Hindi High School	77.57%

PROJECTS

SigmaRoger: A Productivity Enhancer Extension

- A **Chrome extension** that offers a suite of time management tools to help users to **manage and analyse their productivity** in their life
- **Integrated** with different management tools like **Clock, Task manager, Stopwatch, Alarm, Quick URL launcher and URL blocker**
- Used tech stacks are HTML, CSS, JavaScript and used some **Chrome APIs** to make it much more efficient and convenient for users
- User can add a task and can modify and also he/she can enter a time and he/she will get notified when the time is up by a ringtone

Educational Hub: An Educational Site for Students

- A **responsive** website where users can easily contact us via mail so that Institute can contact candidates via email
- Used **Post** server request for **registering new users** on the website and to check whether a particular user registered in our institution
- Used tech stacks are HTML, CSS, JavaScript, PHP and MySQL for checking and retrieving information regarding any user who already registered
- Made Home, Courses, Educators, Contact and login pages in this site and also provides users to access more information about us in just a click

Text Compression: DSA Project

- Huffman Algorithm is very simple idea that is used in text compression and follows the Greedy approach in compression to give representation.
- Lossless technique that creates minheap and gives the variable size bits representation of each character of the passing message
- Character with higher frequency gets lesser bits representation and character with lower frequency gets higher bits representation

SKILLS AND EXPERTISE

Programming Language: C | C++ | Python * | JavaScript * || Database Management: MySQL || Web Technologies: HTML | CSS | PHP * | Bootstrap || Operating System: Windows || Miscellaneous: GitHub | Visual Studio Code | MS office * * Elementary proficiency

POSITIONS OF RESPONSIBILITY

Under- Secretary | Maintenance | LBS Hall of Residence | IIT Kharagpur

- Resolved 100+ maintenance-related problems in the Lal Bahadur Shastri Hall of Residence, IIT Kharagpur within 50 days of joining the position
- Build 24 x 7 open desk for boarders of LBS for their query and manages a team of 20 members to solve problems in a better approach

CERTIFICATIONS

Udemy C++ Course Completion Certificate | Tim Buchalka | C++ | OOPs | Udemy || HackerRank Basic Problem-Solving Certificate | C++ || Introduction of MySQL | DataCamp || Microsoft office | Vedanta || HackerRank Advance Problem-Solving Certificate | C++ | HackerRank

AWARDS AND ACHIEVEMENTS

- Secured position in **top 15** candidates by solving 1200+ questions among around 7500+ candidates in **GeeksForGeeks** Coding site in IIT Kharagpur
- Achieved a **5-star** badge in problem-solving in C++ in **HackerRank** after solving 150+ real-life competitive coding (CPP) questions
- Achieved **5-star** badge in **HackerRank** after solving 75+ C Programming language and 75+ C++ Programming language-based questions
- Secured position under **top 14 candidates among 3600+** candidates for Masters in Mathematics Programme in JNU, New Delhi
- Secured position under **top 120 candidates among 6000+** candidates for Masters in Mathematics Programme at Banaras Hindu University, Banaras
- Secured **AIR 1002** among 13,000+ candidates in Joint Admission Test for the Master's programme in Mathematics conducted by IISC Bangalore

EXTRACURRICULAR ACTIVITIES

- Illumination 2022: Actively participated in the LBS Hall of Residence, IIT Kharagpur Illumination and collaborated with the fellow hall members
- Farewell 2022: Actively Hosted and Organised Farewell for Senior batch 2022 and collaborated with the fellow class members
- Freshers 2022: Actively Hosted and Organised Farewell for Junior's batch 2022 and collaborated with the fellow class members
- Part of a singing team that ranked 2nd among 15 singing groups in the Inter-School Competition in Asansol, West Bengal
- Taught mathematics to 50+ 10th, 40+ 12th, and 70+ graduation-level students in a period of lockdown for 1.5 Years
- Volunteer in NSS including mentoring 50+ Slum Areas' children in Graduation with 15 people team in Koderma, Jharkhand, India

COURSEWORK INFORMATION

Programming Language || Programming Language Laboratory || Data Structure and Algorithms || Data Structure and Algorithms Laboratory || Happiness at work || File management and database handling || Probability || Operating System || Introduction of OOPs (Object Oriented Programming) concepts in C++ || Web designing for everyone | BootCamp || Python for everyone | DataCamp