

KHUSHI AGGARWAL

Computer Science Student

(+91)9871386863 ◊ khushiagg2004@gmail.com ◊ Github ◊ LinkedIn

EDUCATION

- **Delhi Technological University, New Delhi** **2022 - 2026(expected)**
B.Tech. (Hons.) Department of Computer Science and Engineering CGPA : 7.5/10.0
- **Maharaja Agarsain Public School, New Delhi** **2021**
Senior Secondary Education Percentage : 90.8%
- **Maharaja Agarsain Public School, New Delhi** **2019**
Secondary Education Percentage : 91.4%

AWARDS AND ACHIEVEMENTS

- 2024: One of the **99** selected candidates among **3700+** applicants across India to be selected for **UberShe++** challenge
- 2024: Among the top **5%** in **Adobe GenSolve** Hackathons
- 2024: Ranked **255** globally among **19000+** contestants in CodeChef Starters 141
- 2024: Part Of **SheFi** Scholars Program
- 2024: One of the top **150** selected candidates among **1300+** teams in Vihaan Hackathon
- 2024: Solved more than **500+** DSA problems on different platforms like LeetCode and Code360
- 2023: Secured All India Rank **524** and Global rank **1562** in IEEE Xtreme 2023; **College Rank 4**
- 2022: **AIR 9926** in JEE Main 2022 among 1.3 million candidates; Amongst the top 1 percentile students

PROJECTS

- **Task Vault** Github Link **December 2023 - January 2024**
 - Created a dynamic todo application with theme toggling, drag-and-drop task reordering, and real-time task completion tracking
 - Built using **HTML**, **CSS** and **JS** to ensure a responsive and interactive user experience
 - Enabled users to easily track the number of tasks completed and pending, enhancing productivity and organization
- **Chronicles** Github Link **April 2023**
 - Enabled users to save and bookmark texts from any website, enhancing accessibility and organization of textual data
 - Integrated the **GPT-3 API** for intelligent tag generation, streamlining content filtering and easier retrieval of saved information
 - Utilized **HTML**, **CSS**, **React**, **Node.js**, and **Firebase** for a comprehensive solution with seamless data storage and retrieval
- **FraudWatch** Github Link **June 2024**
 - Developed a ML model to detect fraudulent credit card transactions and protect customers from unauthorized charges
 - Utilized Python with libraries such as **scikit-learn**, **pandas**, and **NumPy** for data analysis and model implementation
 - Achieved test accuracy of **99.97%** in detecting fraud, enhancing security measures for credit card companies

SKILLS AND EXPERTISE

1. **Languages** C++, C, Python, SQL
2. **Software & Tools** Bash Scripting, Linux Shell Utilities, Git
3. **Others** CSS, React, Node.js, Html, npm, MongoDB, Pandas , sciKit , Jupyter Notebook , numpy , plotly
4. **Profiles** Codeforces, Codechef

COURSEWORK

Data structures, Discrete Structures, Object Oriented Programming, Operating Systems, Database Management Systems
Computer Organisation Architecture, Algorithm Design and Analysis, Engineering Analysis and Design (modelling and simulation),
Machine Learning, Multimodal Data Proccessing , Software Engineering , Theory Of Computation , Probability and Statistics

POSITIONS OF RESPONSIBILITY

- **Coordiantor, IEEE DTU** **December 2022 - Present**
 - Led a 25-member IEEE team, ensuring effective collaboration for successful project execution of content development team
 - Orchestrated impactful IEEE events, implementing innovative strategies to boost society's participation and campus influence
- **Member, Sahitya - Literary and Debating Sociey** **November 2022 - Present**
 - First point of contact for juniors, providing guidance and support within Literary and Debating Society; Volunteer work in Yuvan
 - Reached the finals at IIT Roorkee's Thomso (Annual Technical Fest), showcasing strong on-spot poetry skills