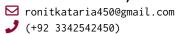
Ronit Kumar, B.Sc.







Education

2020 - Present B.Sc. Computer Science, Habib University

CGPA: 3.58/4.00

Grade: A,

Thesis Title: LipSync Voice for Aphonia Patients

2018-2020 **Cambridge General Certificate of Education Advanced level (AL), Cedar College Karachi**

in Computer Science

2015 - 2018

Cambridge General Certificate of Education Ordinary Level (OL), Sargodhian Spirit Public School Rashidabad in Computer Science

Grade: A, awarded with best student overall

Work Experience

Aug 2023 – Present

■ Teaching Assistant for Data Science Course at Habib University Karachi, PK Provided support to the instructor by conducting weekly hours, tutoring sessions and designing and grading reading assignments.

June 2023 – September 2023

Data Science Intern at AIFACTOR.CA Karachi, PK Integrated OPC DA server to improve data connectivity, developed a telegraf plugin for efficient data creation and automation, built machine learning models for CO2 emissions prediction, and performed data analysis and cleansing for exploratory data analysis (EDA).

Jan 2023 – May 2023

■ Teaching Assistant for Software Engineering Course at Habib University Karachi, PK

Provided support to the instructor by conducting weekly recitations and tutoring students in office hours on Scrum and Agile practices

Aug 2021 - December 2021

2022

■ Teaching Assistant for Programming Fundamental Course at Habib University
Karachi, PK

Provided support to the instructor by conducting weekly hours, tutoring sessions and assisted students during their Lab-timings

Awards and Achievements

2023 Winner of Best Summer Project Award by Carrer Curation Program, at Habib University

Secured Third Position in ACM Data Science Competition, at Fast University

Secured Third Position in ICPC Global Programming Contest Qualifying Round 2022, 13th all over Pakistan

Secured 2nd Runner's up in Hackathon, organized by SastaTickets.pk

Runner-up in Speed Debugging Competition by Brain.hack(), at Habib University

Runner-up in Speed Programming Competition by IEEE 2022at NED University

Projects

- LipSync Voice for Aphonia Patients in Urdu
- Human vs AI ludo using Temporal Difference and Reinforcement Learning
- JetLagEase: YOLO-based AI for personalized fatigue assessment and travel advice
- **■** Movie Recommedation system using Cartesian Trees
- Forced Conversion in Sindh sentiment analysis using NLP
- Real-time Motion-Contol-Ping-Pong-Game-on-FPGA-Verilog
- **■** Carpool Application using Flutter

Skills

| Languages | Strong reading, writing and speaking competencies for English, Urdu and Sindhi. |
|--------------------|---|
| Coding | Python, C, C++, JavaScript C#, Dart sql, LTEX, |
| Databases | Mysql, Postgresql, sqlite, MongoDB, Neo4j |
| Data Science | Numpy, Pandas, Sklearn, Pytorch, Tensorflow, Keras, NLP, Open CV, Matplotlib, Tableau, Power BI |
| Project Management | Agile, Scrum, EPIC, Kanban, Jira, Trello |
| Technical Skills | GitHub, Academic research, teaching, public speaking |