

# Mrigank Khandelwal

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Available: May- Dec 2024

## EDUCATION

**Northeastern University**, Boston, MA

Sept. 2023 – Present

**Khoury College of Computer Sciences**

Expected graduation: May 2025

Candidate for a Master of Science in Computer Science

Related courses: Programming Design Paradigm, Foundations of Artificial Intelligence

**Ramaiah Institute of Technology**, Bengaluru, India

July 2023

Bachelor of Engineering in Computer Science & Engineering

GPA: 8.98/10.0

Related courses: Algorithms, Data Structures, Databases, Software Engineering, Object Oriented Programming

## TECHNICAL KNOWLEDGE

**Languages:** C++, Python, JavaScript, Java

**Technologies:** HTML, CSS, React, REST APIs, Node.js, SQL.

**Skills:** Database Systems, Backend Development, Machine Learning, Algorithms, Full Stack Development, Web Development, Github

## WORK EXPERIENCE

**Sabre Corporation**, Bengaluru, India

Jan 2023 – July 2023

Software Development Engineer Intern

- Programmed product features, bug fixes and security enhancements in C# and OracleDB on the Radixx Res product in the Radixx vertical.
- Designed and developed a dashboard in React, Express, NodeJS, JavaScript and OracleDB to provide enhanced accessibility to sales data aimed at reducing and resolving sales disputes.
- Awarded 2<sup>nd</sup> place in Intern Hackathon organized by the company.

**Dell Technologies**, Bengaluru, India

Apr 2022 – June 2022

Undergraduate Intern

- Developed a system using Python leveraging Bayesian ARM model to detect and flag combinations of parts that may cause a high product failure rate.

**Samsung PRISM**, Bengaluru, India

Oct 2021 – Apr 2022

Research Intern

- Developed an RNN model in Python using TensorFlow as a part of the project 'On Device Handwritten Text Generation' aiming to generate handwritten text.
- Contributed to creating a tool to extend the benchmark IAM dataset by 40%.

## PROJECTS

**Descriptive Examination Answer Script Evaluation (Funded)**

Feb 2022 – Aug 2022

- Built a tool in Python for Descriptive Answer Evaluation of subjective answers in semester-end examinations.
- Compared various NLP Techniques, including BERT, word embeddings for finding semantic similarity between model answers and student answers.

## INTERESTS/ACTIVITIES

- Published technical paper 'Quantum Computing- The next big leap in the World of Computation' in IEEE (ISSN: 2766-2101).
- Core team member at Apple Developers Group, Ramaiah Institute of Technology (Oct 2019 – Oct 2022).
- Active member of the I love to care- India foundation (2020-2023).