Rehan Nasir

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Education

York University   September 2021- Expected June 2026
Hons. Bachelor of Science in Computer Science   *Toronto, ON*
- **Relevant Coursework:** Data Structures and Algorithms, Theory of Computation, Machine Learning, AI and Programming Logic, Advanced Object-Oriented Programming, Software Tools, Computer Organization

Experience

TELUS Digital   January 2025 – Present
Online Data Analyst   *Remote*
- Conducted data **verification** and **comparison** of search engine results to improve AI search algorithm accuracy.
- Evaluated historical and real-time data from reputable sources to ensure **quality assurance** in AI-driven results.
- Assessed and provided **strategic feedback** on queries, contributing to the refinement of TELUS' upcoming generative AI system.

Cooddle   August 2024 - December 2024
Software Engineer Intern   *Remote*
- Supported the development of various web pages by creating and maintaining code, themes, and forms using **TypeScript, HTML/CSS, and React**.
- Performed extensive testing on web and mobile applications, leading to a **decrease** in reported errors.
- Utilized **Git** and **GitHub** to manage version control and collaborate with team members on code changes.

Projects

Etsy Extract | *Python, Beautiful Soup*
- Developed a **Python** script that **extracts detailed information** from Etsy about public sellers and their products.
- Implemented the **Beautiful Soup** library to **parse** website data accurately and efficiently.
- Utilized the **concurrent futures** library to process requests in **parallel** to retrieve information faster.

Web Portfolio | *HTML, CSS, JavaScript*
- Designed a personal portfolio to **showcase** projects, skills, interests, and detailed information about my life.
- Optimized site accessibility across different devices with the use of **media queries** and responsive design.
- Integrated JavaScript to add **animation libraries** and **dynamic features** for a better user experience.

Flight Price Predictions | *Python, Pandas, Matplotlib, seaborn, NumPy, sci-kit learn*
- Engaged with teammates to train **machine learning models** to forecast the **price of future flight tickets**.
- Trained **regression models** and assessed their performance metrics to determine the optimal model.
- Modified and cleaned a dataset with over **300,000** samples for a more in-depth analysis.
- Analyzed the dataset via **seaborn** and constructed graphs to find any correlations between features.

GuessX | *Java, Android Studio, JUnit*
- Collaborated with teammates to develop an Android app with **Java** using **Android Studio**.
- Included **3 different game modes**, including a custom game mode where users can enter their own range for more accessibility, and a local co-op mode where multiple players can compete.
- Designed a **user-friendly interface** to enhance immersion and provide a faster gaming experience.
- Added **Junit** tests to guarantee functionality, resulting in **100%** test coverage.

Technical Skills

Languages: Python, SQL, Java, C, HTML, CSS, JavaScript, TypeScript
Tools & Frameworks: Tableau, NumPy, Pandas, sci-kit learn, Matplotlib, seaborn, PyTorch, Beautiful Soup, Excel