Manas Agrawal

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Education

York University | Bachelor's in Computer Science   *North York, Ontario* | Sept-2023 – April-2027

- Data Structures and Algorithms in Java   CGPA: 3.8/4.0

- Advanced Object-Oriented Programming in Java

Projects

Flight Price Predictor | *Python, Pandas, NumPy, ML*

- Developed a flight price prediction model using Python and achieving 81.2% accuracy on the model.

- Used Pandas and NumPy for data preprocessing and analysis.

- Scikit-learn for implementing and tuning machine learning models to achieve correct price predictions.

Tic-Tac-Toe | *HTML, CSS, JavaScript*

- Created a user interface for a Tic Tac Toe game using HTML and CSS.

- Applied gameplay mechanics and win conditions using JavaScript.

Bingo Game 2.0 | *Java*

- Built a text-based Bingo game in Java with different difficulty levels and fun mechanics.

- Implemented animations to improve user engagement and create a dynamic flow in the console.

- Implemented logic-based move selection for the computer, offering easy, hard, and insane difficulty levels.

Experience

Exam & Space Monitor | *York University*   *North York, Ontario* | Oct-2024 – Present

- Provided invigilation, monitoring, and administrative support for exams, ensuring effective implementation of accommodations for students with accessibility needs.
- Monitored exams in the Alternate Exam Centre, proactively addressing incidents to uphold academic integrity standards.
- Responded to and reported academic integrity issues, contributing to a fair and secure examination environment.

Unhack Lassonde | *York University*   *North York, Ontario* | Nov-2024

- Developed and pitched QuickFin, an AI chatbot designed to improve financial literacy among young people by providing personalized guidance and resources.
- Conducted user research to understand the financial challenges faced by youth and refined the chatbot's features to address their needs effectively.
- Gained hands-on experience in data analysis, product development, and creating customer-focused solutions while iterating on the product's usability and impact.

Technical Skills

Languages: Java, JavaScript, HTML5, CSS3, Python
Frameworks & Libraries: Pandas, NumPy, Scikit-Learn