Riddhima Garg

Brampton, ON | riddhima.garg@torontomu.ca | linkedin.com/in/riddhima-garg-03 | github.com/itzmeppl

EDUCATION

Toronto Metropolitan University   Toronto, ON
Honors Bachelor of Science in Computer Science   *Graduation in Apr. 2025*
Relevant courses:
Databases I, Web Development I/II, Data Mining, Machine Learning, Algorithms, UNIX, Software Engineering I

TECHNICAL SKILLS

Languages: Python, HTML/CSS, Javascript, React, SQL, Oracle DB, MongoDB
Developer Tools: GitHub, VS Code, Azure AI Cognitive Services & Image Recognition, SDLC
Soft Skills: English, Hindi, Punjabi, and ASL, Team player, Creative personnel, Detail-Oriented

EXPERIENCE

Code Ninjas   July 2021 – Nov. 2024
Senior Sensei   *Brampton, ON*
- Lead developer of Python curriculum, resulting in a 30% increase in student enrollment within six months
- Supervise Lego Robotics, 3D Design & Print, and Web Dev. camps, achieving 95% satisfactory parent feedback
- Teach students the fundamentals of game development using Javascript and C# improving in students' understanding of programming concepts
- Provided troubleshooting support to students and staff for debugging code and resolving technical issues

Microsoft   May 2022 – Aug. 2022
Microsoft Program Management Intern   *Toronto, ON*
- Acquired certification in Microsoft Technologies and Business, including Azure Fundamentals and AI Business School, following 4 weeks of intensive training, achieving a 100% pass rate
- Received mentoring and support from Microsoft employees increasing understanding of their roles by 25%
- Developed an AI-powered chatbot during the Microsoft Canada Foundational Skills Hackathon, that enabled users to upload bicycle images to query an SQL database for matching bicycle parts, improving search efficiency and UX

PROJECTS

Lane Detection Software | *Python, Computer Vision, CNN Machine Learning*   Oct 2024 – Dec 2024
- Collaborated with a team, utilizing an open-source machine learning model and researched dataset
- Preprocessed and aligned 1,000+ data instances, then trained and optimized a sequential deep learning model
- Tested the trained model on unseen data, evaluated performance metrics, and extracted results
- Scheduled biweekly meetings, coordinated availability, and booked meeting spaces to ensure team collaboration

Portfolio Website | *HTML, CSS, JavaScript, GitHub*   December 2023 – Aug. 2024
- Developed and maintain a user-friendly personal website, garnering over 50 unique visitors monthly
- Implemented responsive design principles, resulting in a 30% increase in mobile user engagement
- Incorporated light and dark theme options, improving readability by 20%
- Visit at https://itzmeppl.github.io/

Ticket Purchasing System GUI App | *IntelliJ, Java OOP, Java Swing*   Feb 2023 – Apr 2023
- Followed SDLC methodologies, UML design and JUnit testing, to ensure 90% of functional requirements were met and defects were minimized
- Demonstrated strong project management skills by scheduling meetings, assigning tasks, preparing reports for each SDLC phase, and organizing final documentation

CERTIFICATIONS

CPR Standard First Aid   Sept. 2024
Microsoft Azure Fundamentals (AZ-900)   July 2022
Certificate of Achievement in Computer Studies   June 2021
Working Together: The Code and the AODA   June 2021