Maharshi Barot

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Objective: I am graduating with an Advanced Diploma in Computer Programming and Analysis, seeking an entry-level position in the field of data science. I am eager to apply my analytical skills and passion for solving complex problems using machine learning and statistical analysis.

Technical Skills

Programming:	Python, JavaScript, TypeScript, C#, C++, Rust
Web:	HTML, CSS, JavaScript, Python, Node.js, React,
Application:	Java, Swift, Kotlin
Database:	MySQL, MongoDB

EDUCATION

Computer Programming and Analysis Advance Diploma   Jan 2022 – April 2024
George Brown College | Toronto, Ontario
Key Courses: Machine Learning, Algorithm & Data Structure, Full Stack Development. Database Management

Computer Programming | Diploma   Jun 2017 – Jan 2021
Government Polytechnic Ahmedabad| Ahmedabad, Gujrat
Key Courses: Object Oriented Programming, Assemble Language, Network Security, Circuit Design, Hardware Troubleshooting

Projects

Mask Detection
- Implemented a robust mask detection system using Python, leveraging image processing and deep learning techniques, contributing to public health initiatives during the pandemic.
- Utilized OpenCV and TensorFlow to analyze real-time video streams, accurately identifying individuals wearing masks, and ensuring safety compliance in various environments.

Text-To-Speech
- Developed a Python-based Text-to-Speech application employing libraries like pyttsx3, enabling seamless conversion of written text into natural-sounding speech.
- Leveraged advanced natural language processing techniques to enhance voice synthesis quality, facilitating accessibility and convenience across diverse applications.

Personal A.I.
- Engineered a personalized AI assistant in Python, integrating natural language processing and speech recognition technologies to understand and respond to user commands fluently.
- Implemented machine learning algorithms to adapt and personalize responses, enhancing user experience and productivity across various tasks and interactions.

Additional

Skills: Blender, Unreal Engine, AutoCAD, Graphic Design

Languages: English (Fluent), Gujarati (Native),Hindi (Native)

Nationality: Indian

Interests: Reading, Instruments, Gaming, Motorsport, Movies