Rajan V. Thakkar

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OBJECTIVE

Ambitious computer science student seeking a co-op or entry-level software development position. Eager to apply strong programming skills, contribute innovative ideas, and grow professionally while developing efficient, user-friendly applications.

CAREER HIGHLIGHTS

- Currently pursuing the Mobile Application Development and Strategy Program, with a 4.0 GPA, which has improved my skills in Android and iOS development.
- Proficient in agile methodologies and collaborative software development.
- Strong problem-solving and debugging skills for complex technical issues.
- Experience in full-stack development and database management.
- Excellent understanding of software development life cycle and testing.
- Adaptable learner with a drive for continuous improvement and innovation.
- Demonstrated proficiency in machine learning integration through a 6-month internship, collaborating with app development teams to enhance mobile applications with AI capabilities.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C++, C, Xcode, Swift, Kotlin, Git, GitHub
- **Web Development:** HTML5, CSS3, JavaScript, React
- **Software Development Life Cycle (SDLC):** Agile methodologies, Waterfall
- **Database:** PostgreSQL, MySQL, No SQL, Firebase
- **Product Management:** Product design (UX & UI), Project mgmt., Problem solving, Data analysis, Design thinking, JIRA, Cross-functional Teams

PROJECTS

- **Dice Android Application:** https://github.com/ThakkarRajan/DiceApplication
- **Weather Android Application:** https://github.com/ThakkarRajan/Weather-App
- **Login/Signup with Google Android App:** https://github.com/ThakkarRajan/DiceApplication
- **Alarm Android Application:** https://github.com/ThakkarRajan/MyAlarmByRajan
- **News Android Application:** https://github.com/ThakkarRajan/News-Application
- **Natural Walk iOS App:** Integrated Firebase for robust user authentication, profile management, and transaction tracking.
- **Parking iOS App:** Harnessing Swift and Location, optimizing parking solutions and UI&UX

EXPERIENCE

Machine Learning Intern | Inferenz.io (Ahmedabad, India) | September 2021 – January 2022
- Developed and optimized an image classification model using Python, TensorFlow, and deep learning techniques, achieving 89% accuracy - a 50% improvement over the baseline model.
- Performed data preprocessing and analysis using Python libraries such as pandas and NumPy for machine learning model development.
- Built and trained machine learning models, attaining 71% accuracy through iterative model tuning and optimization.
- Documented the end-to-end machine learning development process, including data preparation, model architecture, training, and evaluation.

EDUCATION

George Brown College, Toronto, Canada   January 2024 – December 2024
Mobile Application Development and Strategy Program

Conestoga College, Kitchener, Ontario   January 2023 – August 2023
Big Data Solution Architecture

Gujarat University, Ahmedabad, India   June 2020 – June 2022
Master of Science in Artificial Intelligence and Machine Learning

Marwadi University, Rajkot, India   July 2017 – June 2020
Bachelor of Computer Application