Minh Le Nguyen (Nolan)

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TECHNICAL SKILLS

Programming Language: Python, C#, Java, Scala C, C++, HTML, CSS, , JavaScript
Version Control: Utilize GitHub, Azure, Microsoft Teams, and Jira.
Database Technology: MySQL, PostgreSQL, Apache SQL, and MongoDB.
Front-end Frameworks: React, Boostrap, Tailwind CSS
Back-end Frameworks: Flask, ASP .NET Core, Django, Akka HTTP
Big Data Ecosystem: Data Warehouse, Data Lake, and Data Lake House
AI and Machine Learning: Computer Vision, Natural Language Processing and Conversational AI with Azure

EDUCATION

Bachelor of Computer Science (Honours) **2020 – Present**
Conestoga College, Waterloo Campus

Relevant Courses: Data Structures and Algorithms, Computer Systems Architecture Fundamentals, Object Oriented Programming, Enterprise Application Development

WORK EXPERIENCE

Data Analysis Intern, FPT Canada, Canada **May 2023 – September 2023**

- Developed custom dashboards and analytical presentations, targeting key business domains to support strategic decision-making.
- Applied advanced data analytics techniques to process and analyze large datasets, enhancing data clarity and utility.
- Streamlined data management processes by implementing the CRISP-DM framework to collect, purify, and dissect complex datasets from diverse sources, enhancing data reliability and analytical accuracy.
- Collaborated with international research teams, including a three-person group at Mila (Quebec AI Institute), to advance AI and analytics knowledge, resulting in actionable strategies for complex data.

PROJECT WORK

Youtube Summary Analysis Website (2024)

- Developed a Flask Python website application for generating insightful summary reports and charts based on input Youtube usernames.
- Utilized the Youtube API to collect relevant data including views, likes, comments, etc., providing comprehensive analysis of channel performance
- Leveraged technologies such as Flask, Gunicorn, SQLite, Boostrap and Apache Spark for efficient website development and data processing

Flight Delay Prediction: Air Canada – FPT Canada (2023)

- Analyzed and interpreted a large dataset from Air Canada, utilizing the CRISP-DM methodology to forecast flight delays and resolve critical business questions..
- Developed and presented comprehensive findings and strategic recommendations through data visualizationtechniques, supporting informed business decision-making.