JOSEPH MATTHEW **INGENITO**

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Seeking a position in Data Science where I can apply my strong analytical and statistical skills gained from obtaining a master's degree in mathematics, along with my proficiency in software engineering and data visualization, to solve complex business problems and drive data-driven decision-making.

SKILLS

- Python – Scikit-Learn/Numpy/Pandas
- Mathematical Modeling
- Statistics with R
- Functional Analysis
- Agile Methodology
- Relational Databases
- RESTful APIs
- SQL/LINQ

EXPERIENCE

AUG 2018 – AUG 2021

FULL-STACK DEVELOPER, VISUAL COMPUTER SOLUTIONS

- Designed and implemented a scalable fuzzy string processing algorithm that links together the "appropriate" customers across a growing list of 36+ databases.
- Reworked a KIOSK punch in/out project to use a RESTful API service, minimizing the open ports to the database servers. Added a contactless mode in response to the COVID-19 pandemic.
- Reformed and maintained two legacy mobile app projects in Xamarin.Forms for both iOS and Android. Improved the RESTful API methods that provide data for the apps using traditional SQL as well as LINQ to SQL queries.
- Developed an auto-update tool for an application used by the call-takers, greatly reducing the amount of time spent installing updates. The tool was created in a way the supports easy implementation for future internal applications.

EDUCATION

JUNE 2023

MASTER OF SCIENCE, MATHEMATICS – UNIVERSITY OF DENVER

GPA 3.63. Relevant courses: Standard graduate sequence, Mathematics of AI and Machine Learning Seminar, Coding Theory, Symbolic Dynamics, Representation Theory, Statistics with R, and Probabilistic Combinatorics with Graph Theory.