

Miguel Gutierrez

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EDUCATION

George Brown College, Toronto, ON

Advanced Diploma in Computer Programming

Jan 2023 — Apr 2025

EXPERIENCE

Data Analyst Intern

Protrading S.A.S.

May 2025 — Nov 2025

Barranquilla, Colombia

- Developed Python (Pandas) data analysis and predictive models to forecast key supplier lead times, improving logistical efficiency by 15%.
- Designed and maintained Power BI dashboards consolidating Civil Works KPIs, improving budget-execution accuracy by 18% and accelerating managerial decision-making by 30% through automated real-time reporting.
- Implemented ETL routines for invoicing data, improving data accuracy by 30% and cutting performance report generation time by 80% by automating extraction, transformation, loading, and report workflows

Code Sensei

Code Ninjas

Apr 2025 — Jul 2025

Brampton West

- Developed and led project-based STEM curriculum using Scratch and LEGO Spike, increasing student critical-thinking assessment scores by 20%.

LEADERSHIP EXPERIENCE

Participant

IEEE Xtreme Programming Competition

Oct 2024 — Oct 2024

- Secured top 4 placement at George Brown College in IEEE Xtreme by solving 20+ algorithmic challenges under 24-hour time constraints.

PROJECTS

House Prices Prediction | Kaggle, XGBoost

- Implemented XGBoost regression model, achieving 85% accuracy and a Top 5k/40k global ranking, by engineering 79 features from 1,460+ property records.

Football Match Prediction | Python, requests, pandas, scikit-learn

- Developed Random Forest model to predict EPL outcomes with 72% accuracy; scraped and cleaned 3,800+ match records using Python, requests, pandas, and implemented ML pipeline with scikit-learn.

Connect 4 AI | Python

- Designed AI-powered game agent using minimax algorithm with alpha-beta pruning, achieving 90% win rate against random players through optimized decision-making logic.

CERTIFICATIONS

Introduction to Data Science with Python

HarvardX

Machine Learning with Python

Coursera

CS50

Harvard

Data Analyst Roadmap

Datacamp

SKILLS

Languages: Python, SQL, Java

ML/DS: scikit-learn, XGBoost, TensorFlow, statsmodels

Data Processing: Pandas, NumPy, SQL

Visualization & Reporting: Matplotlib, Seaborn, Power BI, Tableau, Excel

Tools: Git, Jupyter, VS Code, Google Colab