Hisham Salem

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EDUCATION

McGill University, Desautels Faculty of Management   Montreal, Canada
Master of Management in Analytics   Aug 2021 – Dec 2022
- Merit Entrance Scholarship ($4000) and Directors Award ($2000)

Analytics Consulting Project with McKesson Corporation CoE, *Modeler/Architect*   Oct 2021 – Present
- Improving the time series forecasting accuracy for all market segments by building neural networks and Machine Learning models to best identify linear and nonlinear trends in time series forecasting.
- Develop a data aggregation and cleaning using SQLite package in python to prepare the models for processing.
- Conduct data preprocessing and work on prescriptive analytics decision making based on predictions from machine learning models.

University of Toledo, John B and Lillian E. Neff College of Business   Toledo, United States
BBA, Concentration in Information Systems, *Minor in Accounting*   Aug 2017 – May 2021
- GPA: 3.8; International Rocket Scholarship; Financial Mgmt. Association scholarship (Beta Alpha Psi)

TECHNICAL SKILLS

Programming Skills/Languages: Python, R-Programming Language, SQL, PHP, VBA, SAS, ASP
Tools: Excel, Access, MySql, Databricks, R Studio, Azure Cloud (Developing), PowerBI (Developing)
Skills: Data Cleaning, Machine Learning (R & Python), Data Mining, Text Mining, Dynamic Query Building

PROFESSIONAL EXPERIENCE

University of Toledo   Toledo, United States
IT Helpdesk Specialist   June 2019 - Mar 2020
- Expedited project efficiency by utilizing my project management skills to update 200+ computers promptly while actively managing other tasks in a fast-paced environment.
- Solved technical university outage quickly by presenting alternatives for classes during the outage to maintain academic efficacy while troubleshooting and repairing the equipment.

University of Toledo, Department of Accounting   Toledo, United States
Research Assistant   Jan 2018 - May 2018
- Sourced, collected, consolidated, and wrangled data from large samples; enabled the lead researcher to conduct accurate hypothesis testing on the efficacy of online learning for accounting.

PROJECT EXPERIENCE (Portfolio Website) (GitHub for smaller scale projects)

University of Toronto, Rotman Datathon/Hackathon   Toronto, Canada
Competitor/Modeler   Oct 2020
- Identified the business case, determined the statistical question, applied Recursive Features Elimination method for Logistic regressions, Chi-Square, Decision Trees, and KNN; developed Machine Learning models that identified 7 out of 10 fraudulent healthcare providers in the United States to the IRS.

Beta Alpha Psi, Project Run with It Case Competition Competitor   July 2019
UX/UI Design
- Developed and presented a data dashboard prototype to prevent blindness using QlikSense to communicate the business story to the stakeholders and senior executives whilst collaborating with members from different backgrounds.

LEADERSHIP AND EXTRACURRICULAR

Beta Alpha Psi, University of Toledo   Toledo, United States
Vice President of Operations   Jan 2019 - May 2020
- Improved member retention of the professional fraternity and recruitment by 80% through challenging the status quo and implementing new organization practices to optimize company recruiters' events coordination.
- Innovative ideas allowed us to reach a record-high of 95% full-time job offers to students upon graduation and to rank as top 3 Beta Alpha Psi best practices in the Midwest.

SKILLS AND INTERESTS

Languages: English (fluent), Arabic (native)   **Interests**: History, Cooking, Soccer, and Gaming.