

# 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 Feature Engineering to prepare the models for processing. Outlier test and box transformation were used to prepare timeseries data for analysis.

**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.