Marcin Zegarmistrz

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Objective

- Leverage my Data Analytics, Quantitative and Communications skills to provide meaningful insights from data to drive key business objectives.

Education

MASTER OF MANAGEMENT ANALYTICS | JUNE 2021 | ROTMAN SCHOOL OF MANAGEMENT – U OF T

- An intensive program which enhances students' technical and business skills to answer the data based managerial problems of today – and tomorrow.

BACHELOR OF HEALTH SCIENCES (HONOURS) | APRIL 2020 | MCMASTER UNIVERSITY

- Minor and course emphasis in **Mathematics**
- Dean's List, 2015-2020   CGPA: A (11.00/12.00)
- Final **Thesis Project** investigating recent claims of quantum supremacy.

Skills & Abilities

COMPUTATIONAL PROFICIENCY

- Advanced knowledge of programming in **Python** (scikit-learn, keras, PyTorch, pandas, matplotlib etc.) with experience working with Postgre**SQL** (functions, window functions, text & geo-special analysis etc.).
- Experience with data visualization tools like **Tableau** and **Power BI.** **Big data** analytics work in **Azure** and **ArcGIS Pro** are part of my current Project.

QUANTATIVE PROFIENCY

- Deep knowledge of **Statistical** and **AI learning tools** (Regression, CART, Clustering, Neural Networks etc.) with a strong mathematics background with research capabilities.

COMMUNICATION

- Developed the ability to **translate complex ideas to everyday languages** thru a final thesis project based on high level mathematics and a variety of presentations to faculty and students at McMaster.

Experience

DATA SCIENCE INTERN | TERANET | SEPT 2020 - PRESENT

- Appling **machine learning** & **data analytics** techniques to aerial/satellite images of properties to extract structural features of residential buildings. Leverage Pytorch and ArcGIS Pro tools throughout.

STUDNET RESEARCH ASSOCIATE | MCMASTER UNIVERSITY | SEPT 2019 - APR 2020

- Comprehensive research project reviewing the mathematical literature about quantum computing and recent claims for quantum supremacy over classical computers.

POOL-IN-CHARGE| CITY OF TORONTO**| SEPT 2015 - SEPT 2020**

- Managed a team of 5-10 employees to ensure proper administration and operation of the pool.
- Extensive experience providing customer service and responding to various inquiries to ensure satisfaction with services. Responded to a variety of first aid situations ensuring the safety of all patrons.

PROGRAMMING INTERN| STOCK RENDER**| JAN 2015 - JUNE 2015**

- Spearheaded the creation of an interactive heat-map for the S&P 500 leveraging a variety of JavaScript libraries. Presented results to the CEO. The applet was added to the company's public offerings.

Extra-Curricular Activities

SOCIAL REPRESENTATIVE | ROTMAN SCHOOL OF MANAGEMENT **| SEPT 2020 - PRESENT**

- Responsible for communicating with faculty and students to organize a variety of social events.
- Managing student virtual spaces and organized a variety of virtual events to build cohort cohesion, including a Rotman Alumni day, Holiday Party, and variety of informal virtual socials.

CO-FOUNDER AND PRESIDENT | FIRST INSTITUTE OF CANADIAN INVENTORS**| JAN 2018 - APR 2020**

- Established the McMaster Chapter with the McMaster Student union
- Hosted several workshops for 10-30 people inviting innovators from the McMaster community and the FICI headquarters to speak on innovation and protection of intellectual property.
- Ran a pitch competition which provided students a platform to strengthen their pitches on innovative inventions

WELCOME WEEK REP & MENTOR| FACULTY OF HEALTH SCIENCE **| SEPT 2016 - APR 2020**

- Represented the faculty and helped ease the transition to university for 3 mentees.
- Participated in mentorship and leadership trainings specific to building strong interpersonal relationships.

Licenses and Certificates

- *Tableau Desktop Specialist Certificate*- March 2021
- *Microsoft Azure Fundamentals Certificate*- March 2021- IN PROGRESS
- *Microsoft Certified: Azure Data Scientist Associate*- April 2021- IN PROGRESS
- *ArcGIS Basics* from LinkedIn Learning 2021
- Certified Standard First Aid & CPR/AED Level C   (LSS, May 2018)

Scholarships, Certificates and Academic Honors

- Recipient of the Vector Scholarship in Artificial Intelligence valued at $17,500 (2020)
- Director's Entrance Award from the University of Toronto $10,000 (2020)
- 3rd Place in The Encephaloma Brain Cancer Research Competition (2016)
- McMaster President Scholarship for a 95%+ admission average $2,500 (2015)

<p style="text-align:center">References available upon request</p>