

# 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 then be able to leverage them to answering the 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 PostgreSQL (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 Practicum Project.

### QUANTATIVE PROFICIENCY

- 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 Rotman.

## Experience

### DATA SCIENCE INTERN | TERANET | SEPT 2020 - PRESENT

- Applying 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**

- Microsoft Azure Fundamentals Certificate- Feb 2020- IN PROGRESS
- Tableau Desktop Specialist Certificate- Feb 2020- IN PROGRESS
- ArcGIS Basics from LinkedIn Learning 2020
- 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)

References available upon request