

MICHAEL GAUDIOSO

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EDUCATION

McGill University

Sept 2018-May 2023

- Bachelor of Engineering: Materials Engineering
- CGPA: 3.32

Seton Hall Preparatory High School, West Orange, NJ, USA

Sept 2014-June 2018

- Magna Cum Laude Graduate

WORK EXPERIENCE

Research Co-Op Student

January 2021–January 2022

National Research Council of Canada/Conseil national de recherches Canada

- Developed 3-D visualization improvements for a machine vision laser installed on carbon fiber lay-up machine, improving fiber alignment accuracy by 7% over 6 weeks
- Led testing on carbon-nanotube reinforced thermoplastics with tensile, 3-point bending, DMA, and hardness testing
- Designed tensile testing procedure for testing architected ceramics, with applications in armor and energy dissipation
- Co-wrote upcoming paper, *Bioinspired Hierarchical Ceramic Suture Structures for Multi-modal Performance*, contributing data analysis, test design, and CAD mockups

Systems Engineering Intern

Summer 2018-2020

VerQu LLC.

- Optimized data completion procedure; increasing completes by 40% over 3 months
- Wrote SQL and PowerShell scripts to scrub, organize and manage large datasets
- Troubleshooted application improvements with software development team
- Automated reporting with Python and PowerBI that improved progress tracking, increasing throughput by 22% over 4 months
- Managed client relations, guiding expectations, and leading client demonstrations

LEADERSHIP EXPERIENCE

Revenue Team Associate

April 2020-Present

Front Row Ventures

- Researched, hunted, and closed new revenue-based partnership with community stakeholder existing pre-existing assets
- Built 2022 fundraising and organizational goals/KPIs with managing director and board.
- Edited content and managed development of The Venture Capital Blueprint, Front Row Venture's first public online course for students interested in VC, tech, and startups.

Catcher and Co-Chair of Fundraising Committee

Aug 2018-Present

McGill Varsity Baseball Team

- Director of small-gift alumni fundraising, raising 25,000 CAD annually

SKILLS AND CERTIFICATIONS

Technologies

- Python, SQL, Numpy, Pandas, Matplotlib, Plotly, TensorFlow, PowerShell
- SolidWorks, AutoCAD, Microsoft Excel

Certifications

- Python for Data Science *Udemy* January 2021
- Microsoft Power BI *Udemy* January 2021