

Omar Amin

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U.S. Work Authorization Available (OPT)

TN Visa Eligible

EDUCATION

The University of Iowa

Master of Science, Finance (STEM)

GPA: 4.19/4

Master of Science, Business Analytics (STEM)

GPA: 4.19/4 | GMAT:700

Iowa City, IA
Anticipated 05-2025

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The University of Alberta

Bachelor of Commerce, Major in Finance | Minor in Strategy Execution Management

GPA 3.8, Graduated on Dean's List

Alberta, CA
09-2018–05-2022

COURSEWORK:

Applied Data-Science in Commodities and Finance, Quantitative Finance and Deep Learning, Derivatives, Financial Risk Management, Data Management and Visual Analytics, Capital Investment, Wealth Management, Investment Principles

SKILLS

Software – Python, R, SQL, Tableau, Advanced Excel (MACRO, VBA), Bloomberg, MetricStream M7, Morningstar, Factset, Oracle APEX

PROJECTS:

- **Machine Learning and Predictive Analysis:** Linear, Polynomial, Support Vector, and Decision Tree/Random Forest regressions to develop models to analyze risks of upstream, midstream and downstream gas companies
- **Option Pricing:** Utilized Visual Basic in Excel (VBA) to price options using binomial and trinomial models
- **Web Scraping:** Web Scrapped 5000 Amazon reviews in R into consolidated data frames
- **Natural Language Processing:** Deployed NLP in Python to analyze FOMC meeting sentiments to find their correlation with interest rate movements. Deployed NLP in R to analyze 5000 Amazon reviews to find highest-rated book by sentiment

EXPERIENCE

Investment Analyst Intern – Global Portfolio Management Team | RGA Investments

Incoming June 2024

Equity Analyst – Energy Sector & Utilities Sector | Henry Fund

Iowa City, IA

- Selected to manage the \$20.5M endowed equity portfolio through a rigorous application process 01-2023–Present
- Responsible for industry and company research in addition to the building of robust models using Discounted Cash Flow, Economic Profit, Relative Valuation, and Dividend Discount Analysis

Graduate Teaching Assistant | Department of Business Analytics

Iowa City, IA

- Teaching multiple seminars each week on algorithmic problem-solving logic with Python 01-2023–Present
- Facilitating exam preparation for students and holding office hours

Risk Analyst | Alberta Treasury Bank

Alberta, CA

- Quantified over \$10 million in risks for internal capital adequacy assessment 05-2022–12-2022
- Built app scripts in Java to streamline and automate insurance forms saving over 90% of time initially taken
- Designed monthly dashboards for reporting KPIs related to data risks and challenges using Tableau
- Received recognition and awards from 3 team members on MyHeroes platform for quality of work

Business Consultant | Edmonton Humane Society

Alberta, CA

- Utilized social media data to predict social media platform use for a targeted marketing campaign 02-2022–04-2022

Team Lead (Sales) | Global Faces Direct:

Alberta, CA

- Optimized residential sales routes leveraging historical data and predictive analytics in Python 05-2021–08-2021
- Generated an estimated \$213,840 for CNIB and Stollery by identifying opportunities from data-driven analysis

ACTIVITIES AND LEADERSHIP

CME Trading Competition – CME Group

10-2023–11-2020

- Finished in the top 2% of over 400 school teams worldwide in a futures trading competition

Vice President of Internal Programming – Lister Hall Students Association

09-2019–04-2020

- Converted net losses into over \$2000 in profits from community events

- Increased Engagement by over 250% by establishing relations with new venues

Vice President of Student Relations – 5 Days for the Homeless

09-2019–03-2020

- Organized 45 volunteers for a week-long campaign to support youth at risk and raised over \$5,000

Multidisciplinary Director – Business Students Association, Edmonton, Alberta

09-2020–05-2021

- Collaborated with other faculty and club representatives to discuss opportunities for asynchronous events

CERTIFICATIONS

Bloomberg Market Concepts – Bloomberg

Financial and Valuation Modelling – WallStreet Prep