

Rithik Singh

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EDUCATION

University of Toronto

Toronto, ON

Bachelor of Commerce, Planned Finance and Economics Specialist with Computer Science Minor

Class of 2029

- Recipient of **\$10,000** President's Scholarship of Excellence, Admission Scholarship

St. Marcellinus Secondary School

Mississauga, ON

- Graduated with a Grade 12 Average of **98.5%**. **Won 11 Subject Awards** across 4 years.

Class of 2025

PROFESSIONAL EXPERIENCE

World Financial Group (WFG)

Toronto, ON

Insurance Associate

Summer 2025

- Successfully Passed **4 Intensive Training Modules** with **93% (Top 5%ile)** to Clear Life License Qualification

Estate Success Systems LLC

Remote

Founder & Chief Growth Officer (Sales & Strategy)

Winter

2022 - Fall 2024

- Ran Outbound Operations by **cold calling 5000+** Florida Real Estate Agents, and set **60+** High Ticket Sales Calls
- Ran Social Media Ads for **10+ Clients** and Generated **1100+ Leads** Yearly

OSGENCART LLC

Remote

Founder & Chief Product Research Officer

Fall 2021 –

Summer 2022

- Developed an E-Commerce Website To Reach American Consumers In the Furniture Industry
- Researched & Marketed **7000+** Product Listings Across various channels such As Facebook, Google & Pinterest

EXTRA-CURRICULAR ACTIVITIES

Quantitative Finance Projects

Toronto, ON

Junior Analyst

Summer 2025

- Built and validated a **linear regression** model to forecast AAPL share price; achieved **$R^2 = 0.99$ (train)** and **$R^2 = 0.91$, Root Mean Squared Error ≈ 4.9 (test)** after confirming Ordinary Least Squares assumptions.
- Built ML pipeline (**Random Forest, Decision Tree, SVM, KNN**) using macroeconomic features to forecast Bank of America share price; **Random Forest achieved $R^2 = 0.98$, RMSE ≈ 0.71** , outperforming other models.
- Modeled JPMorgan ticker's volatility with **ARCH, GARCH(1,1), and EWMA**. Backtesting showed **GARCH delivered the most accurate forecasts (pred $\approx 1.62\%$ vs. realized $\approx 3.1\%$)**.
- Github Portfolio: <https://github.com/rithik279>

St. Marcellinus DECA

Mississauga, ON

Chapter President

Fall

2024-Spring 2025

- **Won 3rd place out of 2,200 competitors at DECA's International Career Development Conference (ICDC)**
- Grew my chapter from **105 to 165 members** through **social media and recruitment strategies**
- Led a training program that led to **87 medals won at Regionals 2024** and **16 international qualifiers (ICDC)**

SKILLS, AWARDS, AND CERTIFICATIONS

Skills: Python (NumPy, Pandas, Matplotlib), Portfolio & Risk Analytics, Regression, Volatility Modeling, Marketing

Awards: Waterloo FLC 2024 (**Honor Roll Winner, 6th Nationally**), **4X MVP For AB Warriors U19, Cardinal Sports Academy U18 & U16, Cricket (200+ Games Played, Represented Cricket Ontario U16 & U18, Scored 3000+ Runs)**

Certifications: Python for Quantitative Finance (65-Hour, 2025)