

# Anthony Cerelli

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MBA candidate (Rotman '27) and software/data engineer with 3+ years building ML-powered, event-driven AWS systems. Proven founder with \$500K+ raised and leadership of 8-person engineering teams. Strengths in analytics, product execution, and stakeholder communication

- AWS Cloud Infrastructure
- Artificial Intelligence
- Data Engineering
- Agile Project Management
- Machine Learning
- Team Leadership

## EDUCATION

**Rotman School of Management, University of Toronto**, Toronto, Ontario

**MBA Candidate**, 2027

- Core: Finance, Strategy, Marketing, Operations, Statistics, and Accounting
- Focus: Corporate Finance & Analytics—DCF/comps valuation, data-driven decision-making, and executive-level presentations

**University of Waterloo**, Waterloo, Ontario

**BASc in Nanotechnology Engineering**, 2022

- Graduated with distinction; curriculum spanned quantum computing, core computer science, and statistics

## PROFESSIONAL EXPERIENCE

**Genellipse**, Toronto, Ontario

*Consulting company focused on implementing AI and cloud infrastructure in the life insurance industry*

**Software Engineer**, 2022 – 2025

- Designed and automated ETL processes using Python and AWS, improving process efficiency by 40%
- Architected scalable, event-driven systems leveraging AWS Lambda, DynamoDB, Glue, and Step Functions
- Streamlined CI/CD workflows with Jira, BitBucket, and Jenkins, reducing deployment times by 30%
- Directed intern teams in developing artificial intelligence-driven MERN applications to enhance business operations

**Fairfax Financial**, Toronto, Ontario

**Data Science Intern**, 2021

- Conducted customer segmentation using K-Means and DBSCAN algorithms, improving campaign targeting and increasing marketing ROI by 50%.
- Built supervised learning pipeline with TensorFlow Extended (TFX) across multiple diverse data streams
- Implemented NLP methods (TF-IDF, NLTK, OHE) to extract actionable insights from unstructured data

**Nuclear Promise X**, Kincardine, Ontario

*Consulting company focused on implementing software in the nuclear industry*

**Software Engineering Intern**, 2020

- Developed predictive models using Keras to optimize machinery maintenance, improving efficiency by 20%
- Engineered blockchain solutions with Solidity and Truffle, reducing energy distribution costs by 10% and enabling secure, scalable energy transactions

**PepsiCo**, Mississauga, Ontario

**Automation Engineering Intern**, 2019

- Developed RPA workflows with UiPath, saving 1,000+ hours annually. Built Power BI dashboards with SQL/DAX to support real-time operational insights

## ADDITIONAL INTERESTS AND ACHIEVEMENTS

- Co-founded three tech startups, raising over \$500k in funding. CTO in the first two, now CEO of the latest venture
- Built Raptors Community to 80,000+, hosted a podcast, and interviewed NBA personalities
- DJ and music producer, performing at Toronto venues and creating content for local DJs