

# Anthony Cerelli

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AI engineer with 4+ years delivering data-heavy initiatives. Proven founder, cross-functional leader, and clear communicator who aligns stakeholders, de-risks delivery, and ships measurable outcomes

- AI Development (AWS, Python)
- Machine Learning Development
- Data Science (Python, R)
- Automation (DAGs, UiPath)
- Coding Best Practices (CI/CD, Agile)
- Data and Cloud (AWS, SQL, Python)

## EDUCATION

**Rotman School of Management, University of Toronto, Toronto, Ontario**  
**MBA Candidate, 2027**

- Core: Finance, Strategy, Marketing, Operations, Statistics, Accounting
- Member: Business Technology Association; Entrepreneurship and Venture Capital Association

**University of Waterloo, Waterloo, Ontario**

**BASc in Nanotechnology Engineering, 2022**

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

## PROFESSIONAL EXPERIENCE

**Genellipse (Contracted to Resolution Life Group), Toronto, Ontario**

**AI Engineer, 2022 – 2025**

- Developed custom RAG LLM on top of AWS Bedrock to build large language model for data engineering team
- Engineered event-driven ETL automations across Finance & Accounting (DAGs via AWS Glue, Step Functions)
- Championed automation strategy to executives, presenting in New York; scaled adoption of AI tooling, driving multi-million annual savings and reducing errors in reinsurance claims

**Data Science Intern, 2021**

- Designed and optimized a neural network (binary classifier), to identify existing customers using live customer data; achieved 95% accuracy due to optimization and tuning using batch normalization, regularization, etc

**FairVentures (Fairfax Financial), Toronto, Ontario**

**Data Science Intern, 2021**

- Developed an unsupervised learning model for customer segmentation (K-Means, PCA), driving a ~30% improvement in campaign engagement
- Developed machine learning pipeline using TensorFlow Extended with the goal of ingesting any dataset and training a binary classifier or regressor from the data structure

**Nuclear Promise X, Kincardine, Ontario**

**Software Engineering Intern, 2020**

- Developed predictive-maintenance prototype (+20% efficiency); researched blockchain solutions to reduce energy transaction costs

**PepsiCo, Mississauga, Ontario**

**Automation Engineering Intern, 2019**

- Owned RPA workflow rollout (UiPath) with account team; ran enablement sessions; saved 1,000+ hours/year
- Built Power BI dashboards with SQL/DAX for real-time operational insights

**KPMG, Toronto, Ontario**

**Engineering Consultant, Tax, 2019**

- Productionalized automated billing tool using Python and Selenium; deployed across Canada

## ADDITIONAL INTERESTS AND ACHIEVEMENTS

- Co-founded 3 technology startups; raised \$500K+ (Antler, Techstars)
- Built social media company to 80K+ followers; hosted podcast; interviewed NBA personalities
- DJ and music producer; perform at Toronto venues; create content for local DJs