Egor Dolgov

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Education

University of Toronto   Exp. Graduation: May 2027
Bachelor of Science in Mathematics and Economics, Minor in Computer Science
- Dean's List x2, University College Academic Award

Professional Experience

TD Securities   Toronto, ON
Incoming Global Markets Intern (FX, FI & Precious Metals Distribution)   Winter 2026
- Expected to complete a 16-week work term in the Sales & Trading department.

Bocconi University   Milan, Italy
Undergraduate Researcher   Jun 2025 - Current
- Co-authoring on a paper in Industrial Organization working with Prof. Shakhgildyan.
- Analyzed the microeconomic outlooks of exclusive deals of manufacturers and e-commerce platforms, peforming data analysis on 10M+ data records.
- Developed and estimated regression and difference-in-differences econometric models in Python.

Paradosi Partners   Toronto, ON
Private Equity Summer Analyst   March 2025 - Jun 2025
- Spearheaded due diligence efforts by analyzing company clientele, technology, suppliers, and financial statements, resulting in the identification of key risks and opportunities within 10+ identified target companies
- Conducted weekly company screening, evaluating 50+ potential acquisition targets for the identification of valuable companies.

Savi Finance   Toronto, ON
Software Engineering Intern   Sept 2024 - Jan 2025
- Led a team of 5 undergraduate students to develop an AI-driven feature to accurately parse PDF bank transactions.
- Enhanced data accuracy and usability by 40%, improving transaction parsing efficiency.

Projects

LLM Source Classification Model | *Python, scikit-learn*
- Designed and implemented an end-to-end LLM-source classification system to classify which LLM (ChatGPT, Claude, Gemini) generated an answer using text, categorical, and numerical features from a custom dataset.
- Built a rigorous group-aware cross-validation framework and conducted large-scale hyperparameter sweeps across linear, ensemble, and neural models.

Fiscal Policy Research Project | *Python, scikit-learn, statsmodels*
- Processed and analyzed 1M+ tweets to assessed how social media discussions toward government spending affected consumer confidence in the US.
- Performed regression analysis to identify relationships between sentiment scores, political preferences, engagement metrics, and regional factors.
- Concluded a strong correlation between social media discourse and consumer confidence indices metrics.

Leadership Experience

Google Developer Group | *Director of Partnerships*   Jan 2025 - Present
- Raised over $50,000 from tech industry partners to sponsor and organized the GenAI Genesis Hackathon, Canada's largest AI hackathon, attracting 600+ participants nationwide.

Stanford Code in Place | *Section Leader*   Apr 2025 - Jun 2025
- Created and led a series of interactive Python workshops, including custom problem sets and live coding demonstrations on Stanford's CS106A course.

Skills, Activities & Interests

Technical: Python (Sklearn, Hugging Face, Pandas, NumPy, seaborn, Matplotlib), Java, SQL (Postgres)

Activities: Bloomberg Market Concepts, UTCA Case Competition, IMI BIGDataAIHUB Big Data and Artificial Intelligence Competition

Languages: English (Native), Russian (Native), Spanish (Intermediate), French (Intermediate)

Interests: Macroeconomics, Brazilian Jiu-Jitsu, Soccer, Watches