

Andrey Ambartsumov

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EDUCATION

McGill University - Bachelor of Science Honours Mathematics and Computer Science GPA: 3.85 Relevant Coursework : Applied Machine Learning, Algorithm Design, Analysis	Montreal, QC Expected Graduation Spring 2027
John Abbott College - DEC in Science R-Score of 34.2	Ste Anne de Bellevue, QC Fall 2022 - Spring 2024

EXPERIENCE

TD Insurance Actuary Intern - Residential Pricing Analytics	Montreal, QC - Hybrid May 2025 - Aug 2025
<ul style="list-style-type: none">• Data analysis with Python and SQL through Databricks• Created an automated data pipeline to generate Univariate Analysis reports with Python and VBA• Analyzed policies to ensure adequate pricing of the book	
Blinkay Mobility - Self Employed Contract Support Level 1 team leader (North-American branch)	Montreal, QC - Remote Jan 2022 - Aug 2024

John Abbott College Research project in Cryptography (Under the supervision of Professor Takei)	Montreal, QC Jan 2024 - Jul 2024
<ul style="list-style-type: none">• Implemented factorization algorithms in R and Python• Performed data analysis with Pandas• Gave talk during a seminar in front of 60+ individuals	

PROJECTS

SAVMO - Souce Code - Hackathon Submission
<ul style="list-style-type: none">• Won the MAIS Hacks Hackathon in the Best Hack for Impact Category• Fine-Tuned a ResNet CNN model to detect car crashes based on dashcam footage

DegreeViz - Project link - Source Code
<ul style="list-style-type: none">• Hosting over 500 monthly users• Personalized curriculum maker using the Gemini API and Web scraping McGill's site

What2Watch - Source Code
<ul style="list-style-type: none">• Trained a machine learning SVD model trained on 32 million data points to recommend movies• Stored and user information securely with a SQL database

CERTIFICATIONS

McGill's Machine Learning Bootcamp - MAIS202	Dec 2024
McGill AI Society	

- Implementation of Machine Learning Algorithms from scratch

ADDITIONAL

Languages: Fluent in French, English and Russian

Skills: Machine Learning, Problem Solving, Mathematics, Python, SQL, Excel, Critical Thinking, Git, CI/CD