

ADAM WIRASZKA

📍 London, ON

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TECHNICAL SKILLS

Data & ML: Python (pandas, NumPy, Matplotlib, TensorFlow, PyTorch, Keras, Jupyter)

Frontend: Next.js, React, React Native, Tailwind CSS, Chart.js

Backend & APIs: FastAPI, Django, REST, OAuth 2.0

Databases: MySQL, PostgreSQL, MongoDB — query optimization and profiling

Deployment & Tooling: Docker, Git, GitHub Actions (CI/CD), Vercel, Jira, Bitbucket

Testing & Process: TDD, Kanban, Scrum

LLM: Claude, ChatGPT, Cursor, HuggingFace, RunPod

EDUCATION

University of London (London, UK)
M.Sc. Data Science and Artificial Intelligence (*in progress*)

Western University (London, ON)
B.Sc. Chemistry & Biochemistry (2012–2016)

ONLINE COURSES

Foundations of Data Science: K-Means Clustering in Python
University of London (Coursera)
Completed in 2020

Python for Everybody
University of Michigan (Coursera)
Completed in 2020

LANGUAGES

English - native

Polish - native

French - working proficiency

PROFESSIONAL SUMMARY

Data scientist and web developer with end-to-end experience building data pipelines, analytics tools, and full-stack web applications. Clear communicator with strong product sense, focused on building interfaces that make complex data usable.

PROJECTS

Capital Dynamics (adamwiraszka.com/projects/capital-dynamics)

- Full-stack investment research platform for screening and technical analysis of stocks and ETFs. Built on a Next.js frontend connected over WireGuard to a Django REST API with async Celery task processing.

Invest Hub (investhub.tech/)

- Personal portfolio tracker that allows users to upload transactions from multiple brokerages and view aggregate statistics and portfolio performance across custom groupings. Built with FastAPI backend and Next.js frontend.

EMPLOYMENT HISTORY

Owner - AW Piano Studio

Vancouver, BC / London, ON

Sept. 2019–present

- Built and operated a private piano instruction business serving 15-20 concurrent students across all skill levels.
- Tailored lesson plans to cater to each student's strengths and weaknesses, organized recitals to develop performance skills, and guided over a dozen students through RCM examinations.

Laboratory Technologist - Diagnostic Biochem Canada

London, ON

April 2019–August 2019

- Prepared reagents and buffer solutions, tested kit components, and maintained antibody micro-plate coating machinery.
- Ensured preparation and execution of laboratory experiments on a tight schedule, relying on constant collaboration within and between teams to complete orders on time.

Senior Data Manager - Triage Technologies Inc.

Toronto, ON

March 2017–November 2018

- Supported a team of AI engineers by sourcing, processing, and quality-controlling datasets of thousands of classified medical images used to train neural network classification models.
- Managed the formation and expansion of a customized taxonomy of over 3,500 dermatological disorders, which formed the main diagnostic categories displayed to product users.