Andriy Stasyuk

linkedin.com/in/stasyuk   and.stasyuk@gmail.com

ML Engineer   —   Educator & Coach   —   Competitive Programmer   —   Dropout MD ⚕

Snowflake   Bellevue, WA **02/2023–present**
Cortex — AutoML functions for tabular data

Google   New York, NY → WA **10/2014–03/2023**
Gradient Ventures Startup Resident 07/20–03/23
- Mine — privacy reclaim recommender system
- *Head of ML* @ TypingDNA — continuous auth & emotion recognition via keystroke dynamics

YouTube Music 10/18–07/20
- Song relevance modeling & dataset acquisition
- Collaborative filtering for radio recommendations

Magenta / ML Ninja 🥷 01/18–10/18
- Distributed processing pipeline to align 200+ hours of audio / MIDI for the MAESTRO dataset
- Generative audio synthesis, reharmonization

Google Maps 10/14–01/18
- Reengineering lifecycle management of *all* external user edits to scale up moderation

Microsoft   Redmond, WA **10/2011–09/2014**
.NET Native Toolchain 05/14–09/14
- Running managed apps without the runtime

Managed Languages 09/12–05/14
- Async / await debugger in Visual Studio
- Roslyn, C# / Visual Basic compiler platform

Visual Studio, Project & Build 10/11–09/12
- Fuzz, scalability, endurance testing

Deutsche Bank   St. Petersburg, RU **08–09/2011**
AVP @ Global Tech Capital — FX trading platform

Broadridge   St. Petersburg, RU **08/2008–07/2011**
Portfolio Master — derivative price modeling

Prostobank   Kyiv, UA **10/2007–08/2008**
- Architected consumer finance analytics backend

Freelancer.com   **03/2007–11/2007**
- Poker probability calculator, heavily optimized

i.LEVEL   London, UK **11/2005–10/2006**
- Content and document management system

Anahoret   Donetsk, UA **02/2004–06/2004**
- Full-stack web development

PAPER TRAIL

- Enabling Factorized Piano Music Modeling and Generation with the MAESTRO Dataset. [arXiv:1810.12247] .... ICLR'19 oral, *top 1.5%*
- Patents: 🇺🇸 US10545852B2   US10078575B2 🇪🇺 EP2972881B1 🇨🇳 CN105308578B 🌍 WO2014159147A1
- Async Causality Chain Tracking. [MSDN]

TEACHING ML & CS

Google and CapitalG startups (up to 80+ students):
- Recommendation systems
- ML crash course
- ML problem framing
- Sequence models
- Data preparation
- Introduction to ML

Regional team coach:
- Competitive programming
- Data structures & algorithms

K-12:
- Intro to CS
- AP CS

CONTESTS

Olympiads in Informatics:

🇰🇷 International	South Korea	🥉 3rd—'02		
🇺🇦 National		🥈 2nd—'02,	🥈 2nd—'01	
🇺🇦 Regional	🥇 1st—'02,	🥈 2nd—'01,	🥉 3rd—'00	

ACM ICPC:

🇷🇴 SE Europe	România	9th—'03,	10th—'02
🇺🇦 National Cup	🏆 1st—'03,	🥉 3rd—'04	
🇺🇦 National	🥉 3rd—'04,	🥉 3rd—'03,	🥉 3rd—'02
🇺🇦 Regional	🥇 1st—'04,	🥇 1st—'03	

Problem setter, jury, coach:
- 🇺🇦 National Olympiad in Informatics 2003–2007
- 🇺🇦 National Cup 2003–2004

EDUCATION

NW State Technical University   St. Petersburg, RU
- Computer Engineering 2008–2010

Donetsk National Medical University   Donetsk, UA
- *Medicine* ⚕ 2004–2008

Donetsk National Technical University   Donetsk, UA
- Computer Engineering & System Programming 2002–2007