Andriy Stasyuk
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Engineer — ML Ninja & Educator — 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
- TypingDNA, *head of ML* — 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**
Global Tech Capital, *AVP* — 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

Schools and regional teams:
- Competitive programming
- Data structures & algorithms
- Intro to 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