Andriy Stasyuk

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

ML Engineer — Educator & Coach — Competitive Programmer Musician — Dropout MD ‡

Snowflake Bellevue, WA **02/2023–05/2024**
Cortex & ML functions — AutoML for tabular data

Google New York, NY → WA **10/2014–01/2023**
Pixel watch — ML for fall detection 11/22–01/23
Gradient Ventures Startup Resident 07/20–10/22
- Mine — privacy-focused recommender system
- Head of ML @ TypingDNA — continuous auth & emotion recognition via keystroke dynamics

YouTube Music 10/18–07/20
- Radio recommendations — track relevance modeling, data collection, experiment design

Magenta / ML Ninja 🥷 01/18–10/18
- Generative AI, speech and music synthesis
- Distributed processing for MAESTRO dataset

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
- Asynchronous code debugger for Visual Studio
- Roslyn, C# / Visual Basic compiler platform

Visual Studio, Project & Build 10/11–09/12
- Tooling for 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**
Architect for consumer finance analytics backend

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

iLevel Software London, UK **11/2005–10/2006**
Content and document management system

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

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
- Sequence models
- ML crash course
- Data preparation
- ML problem framing
- 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, judge, coach:
- 🇺🇦 National Olympiad in Informatics 2003–2007
- 🇺🇦 National Cup 2003–2004

EDUCATION

St. Petersburg Mining University St. Petersburg, RU
- Computer Engineering 2008–2010

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

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