DANIEL KENIGSBERG Brooklyn, NY | amazingkenigsberg@gmail.com

Full stack engineer building LLM and agentic systems in production. Delivered several zero-to-one AI products at Senpilot. Previously technical co-founder of an edtech startup (which has raised $2M to date) and Data Scientist at the Burning Glass Institute, with a mathematics background.

EXPERIENCE

Senpilot New York, NY
Full Stack Engineer October 2025 – Present

- Work at Senpilot where we have built the definitive AI operating system for Utilities which connects and augments Engineering, Regulatory, and Customer Service processes. Reported directly to the CEO.
- Delivered zero-to-one AI and ML initiatives end to end, including a Vegetation management AI product that helps curb vegetation related outages and fires before they occur and saves utilities thousands of hours on the ground observing power lines.
- Additionally delivered and led integration of a Customer Service product for utilities that automates inbound calls during storms and overnight hours, and supports human representatives with following protocol and querying customer data.
- Designed and built several internal systems now used across the company for prospect and customer management, supporting marketing and outbound efforts.

UniqLearn Inc. New York, NY
Technical Co-Founder and CTO June 2023 – October 2024

- Founded Ed-tech startup that serves hundreds of schools and has raised $2M in funding to date.
- Built ML and LLM tools that personalized content and tracked student performance, plus data systems that gave teachers real-time classroom insight.
- Raised $400K pre-seed and won the NYU Entrepreneur's Accelerator ($100K prize); ran technical discovery and deployment directly with school and district partners.

Burning Glass Institute New York, NY
Data Scientist May 2023 – October 2025

- Assembled, cleaned, and joined labor and education datasets; ran EDA to validate data and define modeling targets.
- Trained and evaluated baseline ML models (linear/logistic, tree-based) to improve projections, tracking MAE/RMSE with cross validation.
- Used LLMs for prompt-based skill tagging and occupation normalization, and translated economic and demographic findings into charts and short memos for non-technical stakeholders.

NYU Courant Institute — SURE Research Award New York, NY
Research Lead, Co-First Author April 2025 – October 2025

- Led a joint project under Prof. Jonathan Goodman on MCMC methods for sampling from the special orthogonal group, contributing to theory across representation theory, Lie groups, and Markov chain mixing.

Noodle New York, NY
Quality Assurance Engineer July 2022 – April 2023

- Supported QA for microsite migrations and NLP features; built test automation and data validation in Python, SQL, and Excel alongside engineering and product.

EDUCATION

New York University, Tandon School of Engineering New York, NY
B.S in Mathematics and Computer Science Minor/Engineering Component *Sep 2022 - Dec 2025*
Relevant Coursework: Honors Theory of Probability, Honors Abstract Algebra I & II, Commutative Algebra, Honors Analysis I & II, Complex Analysis, Partial Differential Equations, Ordinary Differential Equations, Numerical Analysis, Applied Statistics, Mathematical Modeling in MATLAB, Linear Algebra, Post Quantum Cryptography
Research: Mechanical Engineer, NYU Hyperloop VIP (2022–2024) linear induction motors and maglev prototyping.

SKILLS

- Cross-functional collaboration, stakeholder communication, data storytelling, project scoping, fundraising & pitching, entrepreneurial problem solving.
- Java, Python, C++, HTML, Javascript, React, MATLAB, Sklearn, Excel, SQL, Redux, PyTorch, Tensorflow, Render, Vercel, AWS, GCP, Claude Code, Codex, Grok
- Languages: English (Native), Russian (Bilingual), Ukrainian (Limited), Spanish (Limited)