NYA S. FEINSTEIN

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EDUCATION AND CERTIFICATIONS

University of Pittsburgh, Pittsburgh, PA   Expected Completion: 05/2029
PhD Intelligent Systems

West Virginia University, Morgantown, WV   12/2024
B.S. Data Science, B.A. International Studies, B.A. Russian Studies
Minor in French, Certificate in Global Competency
GPA: 3.9/4.0
Summa cum Laude

TEFL (Teaching English as a Foreign Language) Certification   04/2025

SKILLS

Skills: Computer Programming (*Python, R*), Microsoft Office (*Excel, Powerpoint, Word*),
Machine Learning (*Natural Language Processing, Image Processing, Deep Learning),* Political
Analysis (*SIGINT, OSINT, Multi-Lingual Qualitative Analysis*)
Spoken Languages: English (Native), Russian/French (Adv.), Polish/Belarusian (Elem.)

PROFESSIONAL EXPERIENCE

Fellow, **Echelon Insights,** Alexandria, VA   05/2024 – 07/2024
- Worked with all steps of the information collection, analysis, and dissemination process of political and market polling data by using analytic skills to collect and organize digital intelligence data. This was done by employing data warehousing, applying Python to fine-tune Natural Language Processing models, using R to build analysis functions, and creating informative presentations to inform clients.

Russian Tutor, **West Virginia University,** Morgantown, WV   08/2022 – 05/2023
French Tutor, **West Virginia University,** Morgantown, WV   01/2021 – 05/2022
- Worked with undergraduate students taking elementary and intermediate French and Russian language courses at West Virginia University, creating activities, resources, and providing assistance to practice grammar, vocabulary, and conversational skills in small group and one-on-one settings.

Student Worker, Office of Global Affairs, **West Virginia University,** Morgantown, WV   05/2022 – 08/2022
- Collected and organized information about partnership programs around the world to assist WVU students in deciding where to study abroad.

Engineering Learning Center Moderator, **West Virginia University,** Morgantown, WV   01/2021 – 05/2021
- Managed a virtual tutoring space and facilitated a productive tutoring environment by pairing students with tutors based on their needs and tutor availability.

Front-of-House Employee, **Knotty Pine Brewing Company,** *Grandview Heights, OH*   05/2018 – 05/2019
- Worked as host, barback, expo, and busser at a locally-owned bar and grill in central Ohio.

RESEARCH EXPERIENCE

Research Assistant, **West Virginia University,** Morgantown, WV   08/2022 – 12/2024
- Used Natural Language Processing techniques in Python to analyze trends of reporting surrounding the war between Russia and Ukraine with keyword similarity scores. Leveraged Latent Dirichlet Allocation to extract themes, and deep learning (BERT) to generate predictive analysis from news articles with visualization of results in R.

Research Assistant (Hybrid), **Krzysztof Liedel Terrorism Research Center,** Warsaw, Poland 06/2023 – 07/2023
- Published a research paper concerning the effects of Data Privacy regulations on the development of Big Data systems and AI in the scope of National Security with a focus on East-Central Europe.

VOLUNTEER EXPERIENCE

Intensive English Program, **West Virginia University,** Morgantown, WV   03/2025 – Ongoing
- Create interactive and engaging presentations and activities to assist students in learning complex grammatical topics in English as a second language.

AWARDS

2025 – Outstanding Senior in International Studies (West Virginia University)
2024 – Outstanding Senior in Russian Studies (West Virginia University)
2024 – Post-Secondary Russian Scholar Laureate Award (American Council of Teachers of Russian)
2024 – Gold Medalist in the Olympiada of Spoken Russian (University of Pittsburgh)
2024 – Best Poster Presentation in Social and Behavioral Sciences in the WVU 2024 Spring Undergraduate
     Research Symposium (West Virginia University)

EXTRACURRICULAR ASSOCIATIONS AND INVOLVEMENT

WVU French Club
     President and Co-Founder   08/2022 – 12/2024
WVU Russian and Eastern European Club
     Secretary   08/2024 – 12/2024
     Secretary   08/2022 – 05/2023
WVU Data Science Club
     Vice-President   08/2024 – 12/2024
Member of the WVU Eberly College of Arts and Sciences Advisory Board   08/2023 – 05/2024