

# ARTEM PANKIN

Curriculum Vitae

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## EDUCATION

<b>BA in Urban Studies &amp; Certificate in Spatial Data Science</b>	Expected May 2025
Hunter College, City University of New York, NY, US	
Mellon Program Thesis: Climate Ambition Meets Urban Aspiration: Green Tech and Urban Growth in New York City. Advisor: Lily Baum Pollans	
Zimin Foundation and Hunter College Foundation scholarship	
GPA: 3.95	
<b>Bachelor's in Urban Planning</b> (transferred to Hunter College)	2020 – 2022
Higher School of Economics (HSE), Moscow, Russia	
Minor in Data Science	
Full tuition merit-based scholarship with a monthly stipend	
GPA: 9.17 / 10	

## RESEARCH INTERESTS

Climate urbanism and climate change, spatial inequalities, urban technologies and infrastructures, GIS, urban data analytics, science and technology studies, critical data studies, post-socialist cities

## RELEVANT WORK EXPERIENCE

<b>BRT Planning</b> , New York, US	May 2024 – Present
Urban Planner	
<ul style="list-style-type: none"><li>• Conducted comprehensive transportation data analysis using Python and SQL to identify trends and provide insights for transportation strategies for cities in the U.S., Africa, Asia and Eastern Europe</li><li>• Automated data processing and transportation KPIs calculation workflows via Python, reducing analysis time and increasing operational efficiency by 100%</li><li>• Created 40+ detailed transportation data visualizations via GIS and AutoCAD, enhancing BRT route planning and future infrastructure development</li></ul>	
<b>Novaya Labs</b> , London, UK (Remote)	Jan – Jul 2022
Geospatial Analyst	
<ul style="list-style-type: none"><li>• Developed web-scraper for on real estate in South Africa streamlining data collection by 100%</li><li>• Provided spatial and data analysis for over 5 master plan reports, contributing valuable insights for urban development projects in Russia and Central Asia</li><li>• Collaborated with a team to develop a benchmarking index evaluating the potential of tourist areas for the placement of tourist facilities, resulting in the identification of key locations for development</li><li>• Generated over 30 detailed maps for strategic documents of cities and regions using GIS tools</li></ul>	
<b>Habidatum</b> , New York, US (Remote)	June – Oct 2021
Urban Planning Intern	
<ul style="list-style-type: none"><li>• Utilized advanced GIS techniques to analyze regional mobility patterns using cellular and census data, resulting in the identification of key trends and insights for future urban planning initiatives</li><li>• Conducted statistical analysis on temporal-spatial data to determine correlations between mobility patterns and demographic factors</li><li>• Generated 4 comprehensive reports and over 20 visualizations showcasing the results of the research study</li></ul>	
<b>Transmetrika</b> , Moscow, Russia (Hybrid)	Nov 2020 – Mar 2021
GIS Analyst Intern	
<ul style="list-style-type: none"><li>• Performed transportation data analysis using GIS and Python and created 5+ web and static maps for reports and media publications</li></ul>	

- Collected and analyzed open data on urban morphology, population, bus routes, and public transportation stops

## PUBLICATIONS

- Pankin, A. “Applying the Concentric Model: The Urbanization of Moscow between the XIX and XX centuries” for Routledge volume on the History of Moscow (*in print*)
- Pankin, A., & Orrego, S. (2024). Rats as urban infrastructure. *Tarde*, 04. <https://doi.org/10.17605/OSF.IO/Y762A>
- Pankin, A. (2022). Pandemic Shifts: Social Construction of Moscow Smart City Program. *Hunter Urban Review*, Fall 2022. <https://hunterurbanreview.commons.gc.cuny.edu/pandemic-shifts-the-social-construction-of-smart-city-program-in-moscow/>

## PRESENTED WORK

- “Examining the Anonymity of Street Art in Authoritarian Cities: The Case of Anti-War Protests in Moscow”, Poster session, Urban Affairs Association Conference, New York, April 24-27
- “Sneaker Drops, the Asset Economy, and Global Capitalism”, Earth and Environmental Science Seminar Day, CUNY Graduate Center, New York, December 14, 2023 (Co-authored with Sharon Zukin & Vincent DeLaurentis)
- “Looking for Missing Masses in Urban Planning: How Smell Can Contribute to Understanding of Urban Environment”, STS Graduate Conference 2023, York University, Toronto, May 18, 2023
- “Between Real and Ideal: Urban Community Critique in the Truman Show”, Seminar ‘Revisiting the City’, American Comparative Literature Association, Chicago, March 16-19, 2023
- “Noise in the big city: the project of urban development near Aviamotornaya metro station”, Moscow Urban Forum 2021. Online, July 1-4, 2021

## RESEARCH EXPERIENCE

### CUNY Research Foundation

July 2023 – Present

Spatial Data Science RA for Mehdi Heris on Urban Heat Data Portal Project

- Researched and developed machine and deep learning models using raster and tabular data, improving urban heat prediction accuracy by 30% for a NASA-funded project
- Implemented advanced algorithms using Python and GIS to enhance geospatial processing pipelines for urban data and satellite imagery analysis, resulting in a 15% increase in efficiency
- Developed and deployed geospatial solutions by geocoding thousands of addresses and creating interactive web maps to optimize internal operations for the WeHOPE NGO

### CUNY Graduate Center

Apr 2023 – Present

RA for Sharon Zukin on Sneaker Economy Project

- Conducted 20+ street interviews with sneaker resellers in New York City, gaining insights into their practices and motivations
- Performed discourse analysis of social media publications on streetwear and sneakers, focusing on the role of technology in the industry

### CUNY Research Foundation

June-Aug 2024

RA for John Chin on the YMCA Neighborhood Impact project

- Conducted field observations and collected data on pre-selected sites in the Bronx, continuing a 5-year study on the YMCA neighborhood impact

### Hunter College

June-Aug 2023

RA for Lilly Baum Pollans on How the City Became Plastic Project

- Searched and analyzed 50+ archival sources on the historical development of the plastic industry and its role in urban planning

### Expedition Urban Fieldwork in the Ural Region

Summer 2022

Faculty of urban and regional development, HSE

- Conducted, transcribed, and coded 15+ in-depth interviews with government officials and other stakeholders to produce a detailed report on the cultural policies of Ural cities
- Performed spatial data mapping and urban infrastructure assessments, contributing to a comprehensive report on the physical infrastructure and development patterns of Ural cities

### **HSE Urban Multisensory Experience Lab**

Apr-Dec 2021

Research Assistant

- Developed and implemented mixed-methods protocols for systematic collection and analysis of multisensory data used for subsequent fieldwork
- Conducted qualitative and quantitative data analysis of sensory data and produced two comprehensive reports on key findings, resulting in a conference presentation
- Completed an in-depth literature review of 40+ sources of approaches to studying smell in urban environments
- Organized and participated in two extensive field studies focused on sensory data in downtown Moscow

### **Expedition Youth Policy in the Lipetsk Region**

Summer 2021

Institute for Applied Political Studies, HSE

- Conducted 15+ in-depth interviews and 5+ focus groups with youth, performed comprehensive policy analysis, and delivered a presentation on youth policy recommendations to government officials

### **Public Narratives of AI in Russia project, HSE**

Feb-June 2021

Research Assistant

- Generated research study on discourse of self-driving cars in Russia using content analysis

## **TEACHING EXPERIENCE**

TA for Philosophy for Urban Planners with Prof. Ksenia Maiorova, HSE

Fall 2021

## **FELLOWSHIPS, GRANTS & AWARDS**

Mellon Public Humanities and Social Justice Scholars Program (\$4000)	2024
Eva Kastan Grove Fellowship in Public Policy (\$2000)	2024
Conference Travel Award, Hunter College	2024
Conference Travel Award, Hunter College	2023

## **KEY SKILLS**

**Software:** QGIS, OSGeoLive, ESRI Suite, Adobe InDesign, AutoCAD, ATLAS.ti, Qualtrics

**Programming languages:** Python (numpy, pandas, scikit-learn, geopandas, folium, scipy, matplotlib, seaborn, beautifulsoup, networkX, OSMnx), SQL (PostgreSQL, PostGIS), JavaScript (Leaflet, D3), HTML/CSS

**Languages:** English, Russian

## **ADDITIONAL ACADEMIC TRAINING**

Summer School “Residues of the Past: (De)constructing urban histories”, Leibniz Institute for Research on Society and Space (IRS), July 24-27, 2023, Erkner, Germany

V-NYI #6, Critical Cultural Studies track, NYI Global Institute of Cultural, Cognitive, and Linguistic Studies, Stony Brook University, January 16-27, 2023, online

Summer school “University without Professors”, Sociology department of European University at St. Petersburg, June 16-18, 2022, St. Petersburg, Russia

Winter school “STS Lab”, Center for Science and Technology Studies, European University at St. Petersburg, February 1-4, 2022, St. Petersburg, Russia

TU Delft Autumn School “Planning and Design for the Just Transition”, November 2021, online

Urban Health Lab. The City as Medicine, Moscow Urban Forum, June 21 - July 2, 2021, online

Autumn School “Illuminations 2020: Reconstructing the Urban”, Tyumen State University & Center for New Philosophy, October 26-30, 2020, online