

# Artem Pankin

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## Education

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- Rutgers University** *Expected May 2027*  
*Master of City and Regional Planning*
- Hunter College, City University of New York** *2025*  
*BA in Urban Studies & Certificate in Spatial Data Science*  
GPA: 3.95/4.0, summa cum laude, Phi Beta Kappa  
Zimin Foundation and Hunter College Foundation scholarship
- Higher School of Economics, Moscow** *2020 – 2022*  
*Coursework in Urban Planning & Data Science*  
GPA: 9.17/10  
Full tuition merit-based scholarship with monthly stipend

## Research Interests

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Climate urbanism and climate change, urban heat and energy, urban analytics & GIS, urban technologies and infrastructures, science and technology studies, critical data studies

## Research Experience

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- BPU Energy Fellow** *New Brunswick, US*  
*Center for Urban Policy Research, Rutgers University* *Aug 2025 – Present*
- Supporting urban policy research through data science, machine learning and statistics
- Spatial Data Science RA for Mehdi Heris** *New York, US*  
*Urban Heat Data Portal Project, CUNY Research Foundation* *Jul 2023 – Jun 2025*
- Researched and developed machine and deep learning models using raster and tabular data, improving urban heat prediction accuracy by 30% for a NASA-funded Urban Heat Data Portal project
  - Implemented advanced geospatial algorithms using Python and GIS to improve satellite imagery processing pipelines, increasing workflow efficiency by 15%
  - Developed geospatial solutions by geocoding thousands of addresses and creating interactive web maps to support operations for the WeHOPE NGO
- RA for Sharon Zukin** *New York, US*  
*Sneaker Economy Project, CUNY Graduate Center* *Apr 2023 – Jun 2025*
- Conducted 20+ semi-structured street interviews with sneaker resellers in New York City for the Sneaker Economy project
  - Performed discourse analysis of social media content on streetwear and sneaker markets, focusing on the role of technology and digital platforms
- RA for John Chin** *New York, US*  
*YMCA Neighborhood Impact Project, CUNY Research Foundation* *Summer 2024*
- Conducted field observations and collected site-level data in the Bronx as part of a five-year study on YMCA neighborhood impact
- RA for Lilly Pollans** *New York, US*  
*How the City Became Plastic Project, Hunter College* *Summer 2023*
- Analyzed 50+ archival sources on the historical development of the plastic industry and its relationship to urban planning practices
- Research Assistant** *Ural Region, Russia*  
*Faculty of Urban and Regional Development, HSE* *Summer 2022*

- Conducted, transcribed, and coded 15+ in-depth interviews with government officials and stakeholders on cultural policy in Ural cities
- Performed spatial mapping and infrastructure assessments contributing to a comprehensive regional urban development report

### Research Intern

*Urban Multisensory Experience Lab, HSE*

*Moscow, Russia*

*Apr – Dec 2021*

- Developed mixed-methods protocols for systematic collection and analysis of multisensory urban data
- Conducted qualitative and quantitative analysis of sensory data and produced two research reports, resulting in a conference presentation
- Completed an in-depth literature review of 40+ sources on methodologies for studying smell in urban environments
- Organized and participated in two large-scale urban field studies in downtown Moscow

### Research Intern

*Institute for Applied Political Studies, HSE*

*Lipetsk Region, Russia*

*Summer 2021*

- Conducted 15+ in-depth interviews and 5+ focus groups with youth participants
- Performed policy analysis and presented youth policy recommendations to regional government officials

### RA for Olessia Kirtchik

*Public Narratives of AI in Russia Project, HSE*

*Moscow, Russia*

*Feb – Jun 2021*

- Conducted a systematic content analysis of public discourse on self-driving cars in Russia, contributing to a broader research project on narratives and public perceptions of AI

## Publications

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Pankin, A. (2026). Applying the Concentric Model: The Urbanization of Moscow during the 19th and 20th Centuries. In C. J. Ward (Ed.), *The Routledge Handbook of the History of Moscow*. Routledge, Taylor & Francis Group.

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.

## Presented Work

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“Developing Synthetic Energy Consumption Dataset for Commercial Buildings in New Jersey.” Poster session, *Bloustein Research Day*, Rutgers University, New Brunswick, April 3, 2026.

“Climate Ambition Meets Urban Aspiration: Green Tech, Urban Growth and Sustainability Fix in New York City.” The Institutional Life of Climate Governance Session, *American Association of Geographers Annual Meeting*, San Francisco, March 17-21, 2026.

“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, 2024.

“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 and 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.

“Reading Assemblage Urbanism.” *Flat Ontologies Reading Group*, HSE, November 4, 2022 (moderator), online.

“Noise in the Big City: The Project of Urban Development near Aviamotornaya Metro Station.” *Moscow Urban Forum 2021*, online, July 1–4, 2021.

## Professional Experience

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### Intern

NYC Climate Justice Hub

New York, US  
Jan – May 2025

- Assisted in organizing outreach efforts and event coordination for the CUNY Climate Justice Summit
- Conducted desk research, data collection, and policy analysis on urban tree canopy initiatives
- Developed visually compelling outreach materials, including infographics and maps, using GIS and data analysis to support the Forest for All Coalition's advocacy efforts

### Urban Planner

BRT Planning

New York, US  
May 2024 – Feb 2025

- 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
- Automated data processing and transportation KPIs calculation workflows via Python, reducing analysis time and increasing operational efficiency by 100%
- Created 40+ detailed transportation data visualizations via GIS and AutoCad, enhancing BRT route planning and future infrastructure development

### Analyst

Novaya Labs

London, UK (remote)  
Jan – Jul 2022

- Engineered automated web scraping tools via Python to collect and analyze real estate data in South Africa, improving data collection efficiency by 100%
- 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
- Provided spatial and data analysis for over 7 master plan reports, contributing valuable insights for urban development projects in Russia and Central Asia
- Generated over 50 detailed maps for strategic documents of cities and regions using GIS tools, improving visual representation and understanding of spatial data

### Urban Data Intern

Habidatum

New York, US (remote)  
June – Oct 2021

- 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
- Conducted statistical analysis on temporal-spatial data to determine correlations between mobility patterns and demographic factors
- Generated 4 comprehensive reports and over 20 visualizations showcasing the results of the research study

### GIS Analyst Intern

Transmetrika

Moscow, Russia  
Nov 2020 – Mar 2021

- Performed transportation data analysis using GIS and Python and created 5+ web and static maps for reports and media publications
- Collected and analyzed open data on urban morphology, population, bus routes, and public transportation stops

## Teaching Experience

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

Fall 2021

## Fellowships, Grants & Awards

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Conference Travel Award, Rutgers University

2026

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

## Skills

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

**Programming Languages:** Python (NumPy, Pandas, Scikit-learn, BeautifulSoup, SciPy, Matplotlib, Seaborn, Geopandas, Folium, Beautifulsoup, NetworkX, OSMnx), R & R Studio, SQL (PostgreSQL, PostGIS), JavaScript (Leaflet, D3), HTML/CSS

**Spoken Languages:** Russian (native), English

## Additional Academic Training

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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

Winter School 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

Summer School “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