Artem Pankin

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Education

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: 3.9/4.0, 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

Climate urbanism and climate change, urban heat and energy, urban data science, GIS, machine learning for urban environment, urban technologies and infrastructures, science and technology studies

Research Experience

Graduate Assistant *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 Dr. 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 Dr. 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 Dr. Lilly Baum 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 Assistant *Moscow, Russia*
Urban Multisensory Experience Lab, HSE *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 Assistant *Lipetsk Region, Russia*
Institute for Applied Political Studies, HSE *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 *Moscow, Russia*
Public Narratives of AI in Russia Project, HSE *Feb – Jun 2021*

- Conducted content analysis on public discourse surrounding self-driving cars in Russia and contributed to a research study on AI narratives

Publications

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

"Climate Ambition Meets Urban Aspiration: Green Tech, Urban Growth and Sustainability Fix in New York City." The Institutional Life of Climate Governance Panel, *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

Intern *New York, US*
NYC Climate Justice Hub *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 *New York, US*
BRT Planning *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

Geospatial Analyst *London, UK (remote)*
Novaya Labs *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 *New York, US (remote)*
Habidatum *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 *Moscow, Russia*
Transmetrika *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

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*

Skills

Software: QGIS, OSGeoLive, 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

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