

# ARTEM PANKIN

Curriculum Vitae

## EDUCATION

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### Master of City and Regional Planning

Expected May 2027

Rutgers University, NJ, US

Deans Tuition Scholarship

### BA in Urban Studies & Certificate in Spatial Data Science

2025

Hunter College, City University of New York, NY, US

GPA: 3.95, *summa cum laude*, Phi Beta Kappa

Zimin Foundation and Hunter College Foundation scholarship

### Urban Planning & Data Science

2020 – 2022

Higher School of Economics (HSE), Moscow, Russia

Full tuition merit-based scholarship with monthly stipend

GPA: 9.17/10

## RESEARCH INTERESTS

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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

## RELEVANT WORK EXPERIENCE

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### NYC Climate Justice Hub, New York, US

Jan - May 2025

Intern

- Assisting in organizing outreach efforts and even coordination for the CUNY Climate Justice Summit
- Conducting desk research, data collection, and policy analysis on urban tree canopy initiatives in New York and comparable cities
- Develop visually compelling outreach materials, including infographics, maps, and charts, using GIS and data analysis to support the Forest for All Coalition's advocacy efforts

### BRT Planning, New York, US

May 2024 - Feb 2025

Urban Planner

- 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

### Novaya Labs, London, UK (Remote)

Jan - Jul 2022

Geospatial Analyst

- Developed web-scraper for on real estate in South Africa streamlining data collection by 100%
- Provided spatial and data analysis for over 5 master plan reports, contributing valuable insights for urban development projects in Russia and Central Asia
- 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
- Generated over 30 detailed maps for strategic documents of cities and regions using GIS tools

### Habidatum, New York, US (Remote)

June - Oct 2021

Urban Planning Intern

- 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

**Transmetrika**, Moscow, Russia (Hybrid)

Nov 2020 - Mar 2021

GIS Analyst Intern

- 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

## PUBLICATIONS

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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

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"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

"Reading Assemblage Urbanism", Flat Ontologies Reading group, HSE, November 4, 2022, online (moderator)

"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

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**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**

Summer 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**

Summer 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