

Working experience

2014-2026 Cadastral Surveyor (Russia)

Performed geodetic measurements of 100+ land plots and buildings, processed measurement results. Made plans for land plots and buildings in AutoCAD.

Produced 50+ documents for updating real estate data in the state register maintained by the Federal Service for State Registration, Cadastre and Cartography.

Prepared land management expertise for the court: studied the materials of 10+ civil cases; interviewed participants in the trial; conducted geodetic measurements; compiled an expert opinion; spoke at court sessions.

As an individual entrepreneur found 40+ clients, organized collective work with an assistant and a few colleagues on measuring entire settlements.

2024-2025 Geographic Information System Specialist (Reznik Infrastructure Systems, Israel)

Planned and supervised the collection of field data in the cities of Rehovot, Petah Tikva, Ramat Gan, Ashdod and Kiryat Malachi using GNSS-receiver, underground pipe and cable locator, ArcGIS Field Maps app.

Explained to the owners of property and local authorities the necessity of letting the team to conduct measurements.

Mapped underground communications using collected data, aerial photography and engineering schemes.

2021-2023 Lecturer at the Department of Cartography (Moscow State University of Geodesy and Cartography)

Taught practical classes on the course "Digital Cartography". Taught 40+ students the digitization of maps in the [GIS Panorama](#).

Gave 10+ lectures, led both offline and online practical classes for the course "Fundamentals of Cartography" to 20+ students.

In collaboration with other lecturers developed educational materials for the classes in two subjects optimized to facilitate students self learning.

2013-2016 Junior researcher (Moscow State University of Geodesy and Cartography)

Researched geographic information science at the Cartography Department with the focus on automated creation and use of graphics and schemes based on a geographic database.

As a side-projects also studied in cooperation with department specialists navigational and atlas mapping, the use of cartographic projections.

Designed algorithms of schematic maps production for Web-GIS system intended to automate the creation of geographical atlases.

Wrote 5+ scientific articles for peer-reviewed scientific journals. Reported at 10+ scientific conferences in Russia, Brazil, Bulgaria, Japan.

Education

- IELTS Academic. Overall Band Score 8.0 (2024)
- PhD (Moscow State University of Geodesy and Cartography, 2022)
- Certified Cadastral Surveyor (2014)
- MSc Cartographer (Moscow State University of Geodesy and Cartography, 2008-2013)

Skills

- Languages: Russian (native speaker), English (advanced), German (intermediate) and Hebrew (can read).
- Software knowledge: GIS (QGIS, ArcGIS, MapInfo), Blender, AutoCAD, Inkscape, GIMP, office programs.
- Software development skills: React, Next.js, Leaflet, OpenLayers, JS, HTML, CSS, Git.

Hobbies

Outside of work I love volleyball, cooking, animation and hiking.