

# Paul W Jarymowycz

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[linkedin.com/in/pjarymowycz/](https://www.linkedin.com/in/pjarymowycz/) • [pjarymowycz.github.io/cv/](https://pjarymowycz.github.io/cv/)

**OBJECTIVE:** To apply my GIS expertise and analytical skillsets in support of urban design and planning

## HIGHLIGHT OF QUALIFICATIONS

- 5 years professional experience in Education, EHS, and IT
- GIS, environmental, aerospace, and mechanical engineering
- Demonstrated diligent and detail-oriented completion of projects and highly-developed teamwork skills
  - Advanced proficiency in ArcMap, QGIS, Microsoft Office products;
  - Knowledge programming in Python, JavaScript, HTML, CSS, C++, Matlab
  - View my GIS portfolio at: <https://pjarymowycz.github.io/cv/>
- Languages: English, Ukrainian, basic Spanish

## RELEVANT SKILLS

### Geographic Information Systems

- Create static and interactive maps using ArcMap, QGIS, Leaflet, and CARTO
- Modeled integrated NYC subway, pedestrian, and ferry system in ArcMap Network Analyst
- Developed websites with HTML, CSS, and JavaScript, and automated ArcMap procedures with arcpy (Python)

### Research

- Analyzed governmental datasets using Excel and database queries to create informative GIS products (sample available)
- Examined surfactant-enhanced desorption properties of polyfluorinated compounds from various soils

### Management and Teamwork (Teaching, Amneal, Plast)

- Analyzed and enforced safe work practices and environmental policies at a pharmaceuticals manufacturing company
  - Trained employees in these practices and policies
- Taught Physics at the High School Freshman and Senior levels
- Organized and administered various regional, national, and international scout camps and events while volunteering for Plast, Ukrainian Scouting Organization
  - Headed the Youth Scouting branch on the Plast national board

## WORK HISTORY

IT Professional, FACT, Inc., Short Hills, NJ	2017 - Present
Safety Engineer, Amneal Pharmaceuticals, Piscataway, NJ	2016 - 2017
High School Physics Teacher, St. Peter's Prep, Jersey City, NJ	2011 - 2013
IT Professional, Patel Consultants Corporation, Union, NJ	2011 - 2011

**EDUCATION AND TRAINING**

**GIS Certificate**, Pratt Institute, Brooklyn, NY 2018

- GIS certificate program through Pratt Institute's Spatial Analysis and Visualization Initiative focused on digital map design

**MSA, Environmental Engineering**, McGill University, Montreal, QC 2013 - 2015

**MSE, Aerospace Engineering**, University of Michigan, Ann Arbor, MI 2005 - 2006

**BE, Mechanical Engineering**, The Cooper Union, New York, NY 2001 - 2005

**VOLUNTEER EXPERIENCE**

**Plast - Ukrainian Scouting Organization, USA**

National Board Head Counselor for Youth Scouts 2011 - 2013

National Board Protocol Secretary 2009 - 2011

Summer Camp Counselor 2001 - 2015

- Head Counselor for Youth Scouts 2005, 2008, 2012, 2015

Scoutmaster / Troop Leader 2000 - 2010

**COMPUTER SKILLS**

**GIS** - ArcGIS, QGIS, CARTO, Leaflet

**Programming** - Python (including arcpy), JavaScript, HTML, CSS, C++, GitHub

**Graphic Design** - Adobe Illustrator, Inkscape, Photoshop, GIMP

**Research and Modelling** - SQL (PostgreSQL), MATLAB, Stella

**Microsoft Office** - Word, Excel, Powerpoint, Access

**HOBBIES AND INTERESTS**

**Outdoor Activities** - Hiking, Canoeing, Skiing

**Flight** - VFR Private Pilot License issued 2004

**Classic Vehicle Restoration** - Restored several classic cars and motorcycles

**Photography** - Skilled in film and digital photography

References Available Upon Request