

# TETIANA SEMENCHUK

**Address:** Newcastle upon Tyne NE13, UK

**Mobile:** +44 7708 795912 **Email:** tsamolyuk@gmail.com

**LinkedIn:** <https://www.linkedin.com/in/tetiana-semenchuk-481474161/>

## Personal Profile

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Motivated and detail-oriented individual with a Master's degree in Applied Mathematics and Informatics from Ivan Franko National University of Lviv, Ukraine. My academic background has developed strong analytical thinking, logical reasoning, and problem-solving skills. I also have a background in front-end development, where I gained experience in HTML, CSS, JavaScript, and building responsive, user-friendly interfaces.

Recently, I completed an 8-week intensive Digital Skills Bootcamp in Data with **JustIT** training, gaining hands-on experience with tools such as Excel, SQL, Power BI, Python and Azure.

My immediate goal is to become established in a Junior Data Analyst role and work with like-minded professionals from whom I can learn as much as possible during these crucial early years of my development.

## Key Skills

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### Technical Skills:

- Excel (PivotTables, VLOOKUP),
- SQL (Joins, Subqueries, CTEs, MySQL / PostgreSQL),
- Python (Pandas, NumPy),
- Tableau / PowerBI,
- AWS (S3, RDS, ECS, ECR), Azure
- ETL,
- HTML, CSS, Sass, and JavaScript (jQuery)

### Soft Skills

- Communication
- Analytical Thinking
- Time Management
- Attention to Detail
- Result-oriented
- Self-disciplined

## Training and Education

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**05/2025-Present**

**Just IT Training Ltd, London**

**Digital Skills Bootcamp: Data Technician (8-week programme)**

- Data, Big Data, Data Structures, Data Architecture & Governance
- Data Analysis using MS Excel.
- Introduction to Data Visualisation with MS Excel Tableau and Power BI
- Data Analytics – Power BI
- Introduction to Database- Access & SQL Assignment
- Azure Fundamentals - Module 1- core data concepts- Software SAAS, Cloud
- Azure Fundamentals - Module 2- relational data in Azure (DB)
- Azure Fundamentals - Module 3- Non -relational data in Azure - Access (DB)
- Azure Fundamentals - Module 4- Fundamentals of data analytics
- Data Analysis via Python programming- Utilising Pandas, Matplotlib & Seaborn

**09/2024-04/2024**

**EPAM, Ukraine**

**Data Analytics and Data Engineering Basics**

**Core Modules:**

- Software Development Methodologies
- Database Management System
- Data Warehouse and Business Intelligence
- Python (Pandas)
- Cloud Computing (AWS)

**Languages:**                      ■ Data Analytics & Visualization  
MS SQL Server, SQL, ETL, Python (Pandas), AWS, Power BI

**06/1998-06/2003**            **Ivan Franko National University of Lviv, Ukraine**  
Master's Degree in Applied Mathematics and Informatics

## Employment History

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**04/2024-10/2024**            **Junior Data Engineer**    |    **EPAM, Lviv, Ukraine**

Wrote complex SQL queries and stored procedures to extract, clean, and transform large datasets for analytics and reporting purposes;

- Participated in the development and optimization of data pipelines in the AWS cloud environment using Python, SQL, and ETL tools to support efficient data ingestion, transformation, and loading.
- Create dashboards and reports using Power BI.

**06/2019-08/2024**            **Computer Science Teacher**    |    **Gymnasium Yevshan, Lviv, Ukraine**

- Taught core Computer Science subjects, including algorithms, programming fundamentals, and information systems, to students aged 11-18 years old.
- Developed and delivered engaging lesson plans in Python, Scratch, and basic web technologies (HTML/CSS).
- Assessed student performance through regular testing, coding challenges, and practical assignments.
- Integrated digital tools (e.g., Google Classroom, interactive coding platforms) to enhance the remote and in-person learning experience.
- Supported students in preparing for regional and national informatics competitions or external exams

**06/2009-06/2019**            **Front-end developer**    |    **KapsNet BV, Netherland (remote)**

- Developed website layouts for e-commerce systems (over 200 client sites).
- Supported pages, graphics and online marketing materials under the direction of UX manager and development team.
- Created and maintained front-end code for e-commerce websites (redesign, seasonal updates, production work).
- Identified and implemented dynamic web solutions in accordance with company standards and best practices.
- Designed new layouts using Photoshop and Figma.
- Experience in adaptive/responsive design principles.

**06/2004-06/2009**            **Data Analyst**            |    **Softserve, Lviv, Ukraine**

- Creating SQL queries,
- Report generation,
- Accounting and financial processes synchronization,

## Interests, Hobbies and Achievements

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In my free time, I enjoy exploring new places — from weekend city breaks across Europe to hiking adventures in the Carpathian Mountains, which help me disconnect and recharge. I'm passionate about discovering nature, especially through long scenic walks and mountain trails. I also value quality time with friends and regularly take part in social meetups, game nights, or small gatherings that keep me connected and inspired. These experiences not only bring me joy but also strengthen my interpersonal and communication skills.

## **Additional Info:**

- Languages: Ukrainian (native), English (B2), Polish (intermediate)
- Tools: Excel, SQL, Power BI, Python, HTML/CSS/JavaScript
- Completed UK-funded Data Skills Bootcamp (8 weeks)
- Portfolio and GitHub available upon request
- Fast learner, analytical mindset, passionate about data-driven solutions

**References available upon request**