Yehor Korotenko

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PROFILE

Mathematics and Computer Science student with strong foundations in probability and analysis with 5 years of experience in Software Engineering. Experienced in multilingual NLP research and full-stack development with international collaboration experience.

EDUCATION

Université Paris-Saclay   Orsay, France
Bachelor's of Science, Computer Science and Mathematics (Third year)   *Aug 2023 — May 2026*
- Cumulative GPA: 18.04/20 (Top 3 of 57 students) | FMJH Scolarship
- Relevant Coursework: Calculus, Analysis, Linear Algebra, Abstract Algebra & Group Theory, Probability & Statistics, Algorithmics & Data Structures, Functional Programming, Topology, Graphical Programming, Compilation, Logic, Measure Theory, Optimisation

WORK EXPERIENCE

Independent Software Developer   Sept 2025 (contracted: Nov 2025) — pres.
CentraleSupélec   *Gif-sur-Yvette, France*
- Leveraging adaptive machine translation to assist collaborative authoring and maintenance of large multilingual computational scientific narratives (continued to work on the project from LISN).

Research Intern   May 2025 — July 2025
Laboratoire Interdisciplinaire des Sciences du Numérique   *Gif-sur-Yvette, France*
- Leveraging adaptive machine translation to assist collaborative authoring and maintenance of large multilingual computational scientific narratives.
- Results presented as an extended abstract and a poster at JDSE 2025

PROJECTS

Sci-trans-git (https://github.com/DobbiKov/sci-trans-git)   May 2025 — Present
- A research based toolchain to maintain multilingual documents with style and syntax preservance.

LogGit (https://github.com/DobbiKov/loggit)   Mar 2025 — Present
- A lightweight, easy-to-use logging library for Rust.

Full-Stack CRM for Scout Organization   https://github.com/DobbiKov/sdSite
- Built a functional CRM using C#, ASP.NET Core, Entity Framework, MySQL, and Angular.

Track-sorting telegram bot   https://github.com/DevDJsUA/key-sort-app
- Designed a bot to categorize tracks by tonality using Python for simplifying DJ set preparation.

University Timetable Bot   https://github.com/DobbiKov/paris-saclay-bot
- Created a bot to parse PDF files and University site in order to assist users with scheduling using Python.

CONFERENCE CONTRIBUTIONS

Korotenko, Y. (2025). Leveraging Large Language Models for Maintaining Scientific Multilingual Documents. Poster presentation (extended abstract). Junior Conference on Data Science and Engineering (JDSE) - Gif-sur-Yvette, France.
- Available on OpenReview
- Poster: https://dobbikov.github.io/sci-trans-git/jdse-poster-yehor-korotenko.pdf

SKILLS

- **Programming Languages:** Python, Rust, OCaml, C++, C#, JavaScript
- **Web Development:** ASP.NET Core, Angular, React, MySQL
- **Data Science:** Pandas, Matplotlib, NumPy, scikit-learn

- **Other Tools:** Requests, Selenium, SQL
- **Version Control:** Git, GitHub, GitLab

Languages

- English (C1)
- French (C1)
- Ukrainian/Russian (native)

Interests & Extracurricular Activities

Scouting   Sept 2017 — Present
- Active scout since age 12, organizing and participating in international events.
- Member of [Scouts of Ukraine](#) organization and [Scouts of Dnipro](#) association.

DJ   Mar 2021 — Present
- Enjoys creating music and performing as a DJ during free time.