

YAROSLAV KYRYLIUK

Computer Science Student | Junior Software
Engineering Candidate | Java • Python • SQL

Warsaw: Grupy AK Krybar 7A | Internship/Trainee | MEDITSERVE
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PROFILE

Highly motivated second-year Computer Science student at the Polish-Japanese Academy of Information Technology (PJATK) in Warsaw, combining strong academic performance with a disciplined, practical approach to software engineering. Ranked first in his cohort after the first year, with a 4.4/5.0 grade average; all first-year courses were completed with final grades awarded through continuous academic performance, without the need to sit final examinations. Characterised by leadership potential, persistence, intellectual curiosity, consistency, reliability and a mature sense of responsibility. Eager to convert a solid academic foundation into real-world engineering practice within a demanding professional environment.

CAREER MOTIVATION *I am highly motivated to contribute to MEDITSERVE's development. My priority is developing innovative software tools, supported by teamwork, practical learning, discipline and continuous professional growth.*

EDUCATION & ACADEMIC DISTINCTION

2025–PRESENT	BSc in Computer Science — Polish-Japanese Academy of Information Technology (PJATK), Warsaw • Second-year student • First in cohort after Year 1 • GPA: 4.4/5.0 • Preparing to apply for the Rector's Scholarship
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COMPLETED & CAN APPLY

Academic coursework already completed and translated into working knowledge:

JAVA & OBJECT-ORIENTED PROGRAMMING	Java fundamentals; types, classes and objects; control flow; arrays and strings; exceptions; input/output; text processing; sorting, searching and recursion; object-oriented programming; graphical user interface programming.
PYTHON	Core Python programming and problem-solving in a general-purpose programming environment.
DATABASES & SQL	Relational database concepts; entities, attributes and relationships; primary and foreign keys; CASE-based data modelling; SQL fundamentals including DML and DDL.
OPERATING SYSTEMS & LINUX/UNIX	Operating-system structure; processes and resource management; synchronisation; virtual memory; file systems; practical Linux/Unix work; shell scripting; introductory system programming.
COMPUTER SCIENCE FOUNDATIONS	Computer architecture and logical organisation; information systems; linear algebra; discrete mathematics; logic, recursion, combinatorics, probability and graph-theory foundations relevant to computing.
MANAGEMENT & PROFESSIONAL RESPONSIBILITY	Foundations of management, practical case analysis, teamwork, professional ethics, responsibility and lifelong-learning orientation.

CURRENTLY STUDYING — BUILDING THE NEXT LAYER

ALGORITHMS & DATA STRUCTURES	Fundamental algorithms for practical problem classes; data structures; verification, testing and complexity analysis.
STATISTICAL DATA ANALYSIS	Descriptive statistics, probability and conditional probability, Bayes' theorem, random variables, confidence intervals, hypothesis testing and simple linear regression.
DATABASE SYSTEMS	Advanced SQL and system-specific extensions; DBMS architecture and administration; database optimisation; data warehouses, OLAP, object-relational databases, data integration and XML.
UNIVERSAL PROGRAMMING TECHNIQUES IN JAVA	Generics; functional programming and streams; advanced collections and I/O; reflection; component programming; modern concurrency tools; localisation and internationalisation; XML; database programming; design patterns.
COMPUTER NETWORKS & NETWORK PROGRAMMING IN JAVA	IP networks, switching and multiplexing, layered networking models, HTTP/SMTP/FTP/DNS, socket programming, TCP, IP routing, LAN design and core mechanisms of confidentiality, authentication and data integrity.
DIGITAL SYSTEMS & FUNDAMENTALS OF ELECTRONICS	Digital-system architecture and design; logic elements; Karnaugh maps; finite-state machines; microprocessor/controller fundamentals and communication standards.

LANGUAGES, LEADERSHIP & PERSONAL STRENGTHS

LANGUAGES

- English — Cambridge English B2 First for Schools (FCE) certified; university English studied at C1 level.
- Ukrainian — native.

LEADERSHIP PROFILE

- Active member of Plast, the Ukrainian Scouting Organisation.
- Leadership-minded, persistent, dependable and consistent.
- Strong sense of responsibility, teamwork and organisation.
- Self-directed learner with mature judgement and a long-term orientation.

INTERESTS & PERSONAL DEVELOPMENT

PLAST / SCOUTING

Community, service, leadership, teamwork and outdoor discipline.

MUSIC / PIANO

Professional-level piano practice; musical discipline, concentration and creativity.

TRAVEL / MOUNTAINS

Mountain travel and hiking; endurance, curiosity, independence and respect for challenge.

PROFESSIONAL INTENT

My objective is to support MEDITSERVE through software engineering, prioritising innovative software tools. I aim to contribute with humility and discipline, growing into a reliable engineer through consistent work, technical progress and teamwork.