National Technical University
“Kharkiv Polytechnic Institute”

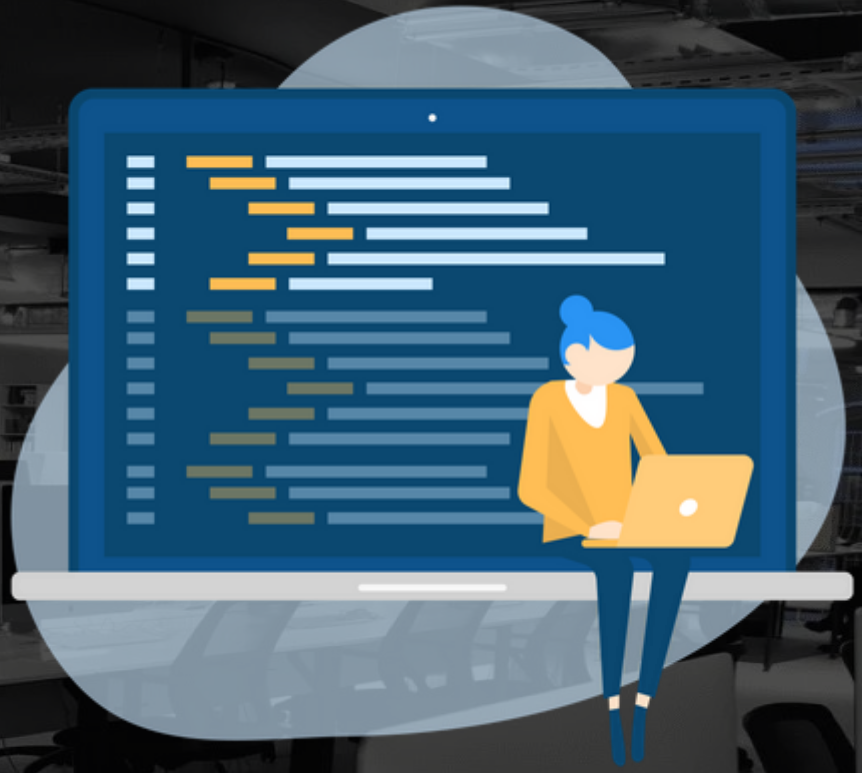
DEPARTMENT OF SOFTWARE ENGINEERING AND MANAGEMENT INTELLIGENT TECHNOLOGIES

National Technical University
“Kharkiv Polytechnic Institute”

Department of Software Engineering and
Management Intelligent Technologies

Specialty 121
Software Engineering

Specialization in software design, development, construction and testing, including intelligent systems



CAREER PATHS

Software Engineer | Software Testing | Software QA Engineer | Software Architect
System Architect | Business Analyst | Software Systems Analyst | IT Project Manager
Artificial Intelligence Engineer | Machine Learning Engineer | Cloud Engineer

National Technical University
“Kharkiv Polytechnic Institute”

Department of Software Engineering and Management Intelligent Technologies

Specialty 122 Computer Science and Intelligent Systems

Specialization in software development of intelligent systems, artificial intelligence technologies, data processing and analysis

CAREER PATHS

Software Engineer | Data Analyst | Data Scientist | Artificial Intelligence Engineer
Machine Learning Engineer | Business Analyst | IT Systems Analyst | IT Project Manager
Software Architect | AI & ML Researcher | Data Engineer

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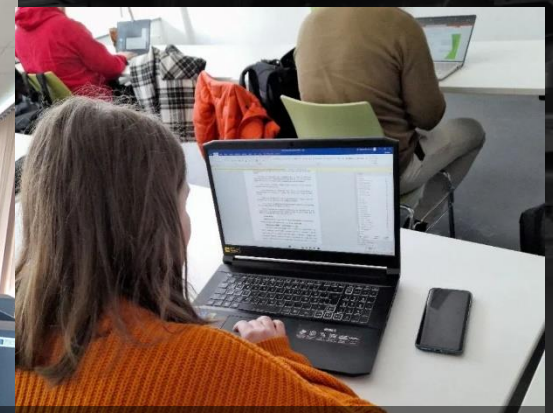
DEPARTMENT OF SOFTWARE ENGINEERING AND MANAGEMENT INTELLIGENT TECHNOLOGIES



BACHELOR`S DEGREE LEARNING TRACKS

- Research and Development
- Software Development and Startup
- Innovation Campus

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DEPARTMENT OF SOFTWARE ENGINEERING AND MANAGEMENT INTELLIGENT TECHNOLOGIES

MASTER`S DEGREE LEARNING TRACKS

- Project Management in Software Engineering
- Cloud Computing
- Artificial intelligence and Machine Learning
- Business Intelligence
- Computational Intelligence
- Machine Learning

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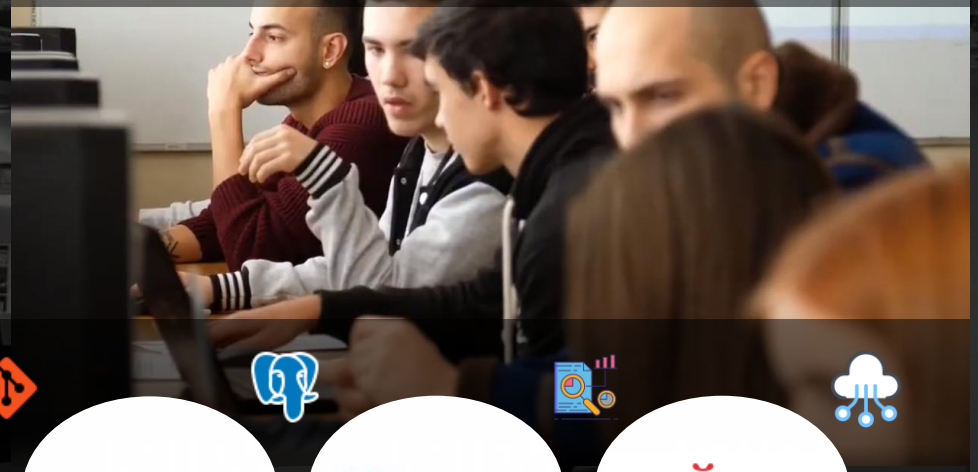
IT EDUCATION OF THE FUTURE

MODERN COMPETENCIES IN THE IT INDUSTRY

FLEXIBILITY OF TRAINING

CREATIVITY AND INNOVATION



PROFESSIONAL COMMUNICATION

DEEP KNOWLEDGE OF TECHNOLOGY

ETHICS AND RESPONSIBILITY

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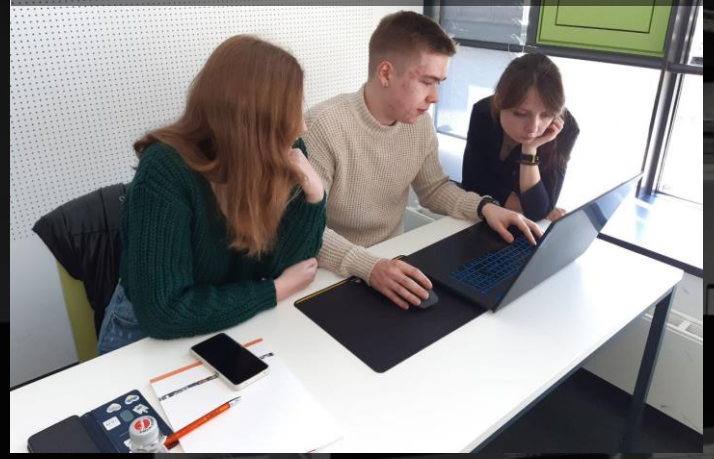
Department of Software Engineering and Management Intelligent Technologies

OPPORTUNITIES FOR STUDENTS

HIGH-QUALITY DISTANCE LEARNING WORLDWIDE!

PROFESSIONAL TEACHING STAFF



PROJECT-BASED LEARNING

EXPERIENCED ENGLISH TEACHERS

INTERNATIONAL AND JOINT PROGRAMS

LEARNING AND PRACTICE COMBINATION

National Technical University
"Kharkiv Polytechnic Institute"

Department of Software Engineering and
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OUR ACADEMIC IMPACT

RESEARCH FIELDS

- INTELLIGENT DATA MONITORING
- AGENT-DRIVEN DEVELOPMENT
- TEXTUAL DATA PROCESSING
- SOFTWARE PROCESS IMPROVEMENT
- COMPLEX SYSTEMS ANALYSIS
- DYNAMIC SYSTEMS MANAGEMENT
- PARALLEL COMPUTING
- INTEGRATED SOFTWARE TOOLS

WORKSHOPS
JOURNAL PAPERS
RESEARCH PROJECTS
INTERNATIONAL PROJECTS

22 Teachers with B2/C1 English | **6** Full Professors | **25** Associate Professors | **6** Instructors

STUDENT RESEARCH PROJECT GROUPS

INTERNATIONAL INTERNSHIPS OF STUDENTS AND TEACHERS

VISITING PROFESSORS

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LET'S STAY IN TOUCH!

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SOFTWARE ENGINEERING AND MANAGEMENT INTELLIGENT TECHNOLOGIES

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7th Floor, Room 705

E-mail: piitu@khpi.edu.ua

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