

# KRISTINA HORDIIENKO

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## EDUCATION

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**B.Sc. in Information Technology, Palacky University in Olomouc** 2022 - Present

*Bachelor's thesis: Development of a Web Application for Managing a Personal Library*

**B.Sc. in Computer Science, O.M. Beketov Kharkiv National University of Urban Economy, Kharkiv** 2020 - 2024

*Bachelor's thesis: Development of an Android Application for Personal Budget Management*

**B.Sc. in Finance, Banking, and Insurance, O.M. Beketov Kharkiv National University of Urban Economy, Kharkiv** 2020 - 2023

*Bachelor's thesis: Evaluating the Effectiveness of Fintech and Blockchain Technologies in the Banking Sector.*

**Junior Specialist in Accounting and Taxation, Donbas State College of Technology and Management** 2017 - 2020

*Graduation Qualification Work: The Impact of Tax Policy on Corporate Accounting and Reporting.*

## PROJECTS & EXTRACURRICULAR

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**Web Application for Personal Library Management** Jan 2025 - Present

- Developed a responsive web app to manage and track personal book collections with automated ISBN search, user authentication, and role-based access.
- Technologies: React.js, HTML, Bootstrap, PHP, MySQL, REST API, Node.js, JSON Web Token (JWT).

**Android Application for Personal Budget Management** Jan 2024 - May 2024

- Built an Android app for managing personal finances, enabling users to track incomes/expenses, budget planning, multi-currency support, and financial analytics.
- Technologies: Kotlin, Android SDK, Room Database, Android Jetpack, MVVM architecture, Google Cloud Platform (GCP).

**Research on Fintech and Blockchain Effectiveness in Banking** Jan 2023 - May 2023

- Conducted research evaluating the impact of fintech and blockchain technologies on financial security, transparency, and operational efficiency in banking. Prepared professional presentations and authored comprehensive analytical reports.
- Technologies/Skills: Blockchain Architecture, Decentralized Finance (DeFi), Commercial Banking, Scientific Writing, Data Analysis.

**Scientific Article: Analytical Support for Enterprise Financial Security** Jan 2021 - Mar 2021

- Authored scientific article analyzing blockchain and smart contracts to enhance enterprise financial security and mitigate fraud risks.
- Technologies/Skills: Blockchain, Smart Contracts, Scientific Writing, Analytical Research, Data Visualization.

**Deputy Director of the Information and Image Center - Kharkiv National University of Civil Engineering and Architecture** 2020 - 2023

- Managed university social media platforms, significantly increasing engagement and visibility.
- Coordinated student activities and enhanced communication between students and administration.
- Organized events, open days, and promotional activities to attract prospective students.

## SKILLS

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### Technical Skills:

- **Programming Languages:** Python (+ TensorFlow, Keras), JavaScript, React.js, Kotlin, PHP, C, Java
- **Web Technologies:** HTML, CSS, SASS, Bootstrap, REST API, JSON Web Token (JWT), Node.js
- **Database Management:** MySQL, Room Database, phpMyAdmin, MongoDB
- **Mobile Development:** Android SDK, Android Jetpack, MVVM Architecture
- **Cloud Platforms & Virtualization:** Google Cloud Platform (GCP), Proxmox, Docker, AWS, Azure
- **Blockchain & Fintech:** Blockchain Architecture, Smart Contracts, Decentralized Finance (DeFi)
- **Design & Presentation:** UX/UI Design, Adobe Photoshop, Figma, Professional Technical Presentations
- **Operating Systems & Administration:** Linux, Shell scripting, Network configuration
- **Information Systems:** System analysis, architecture, implementation

### Methodologies & Tools:

- Agile & Scrum methodologies
- Jira & Trello for project management
- Git & GitHub for version control
- Continuous Integration & Continuous Deployment (CI/CD)

### Soft Skills:

- Analytical Thinking
- Fast learner
- Effective Communication
- Team Collaboration
- Problem-solving
- Time Management
- Adaptability & Flexibility
- Proactivity & Responsibility
- Leadership & Mentoring

### Language Proficiency:

- English: Intermediate (B1)
- Czech: Intermediate (B1)
- Russian: Native
- Ukrainian: Native