Arina Ovcharenko

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EDUCATION

Illinois Institute of Technology, Chicago, IL
Bachelor of Information Technology and Management, Minor in Artificial Intelligence, *expected May 2027*
Cumulative GPA: 3.8/4.00
Relevant coursework: Cloud Computing; Data Structures & Algorithms; Software Development; Operating Systems

University of Roehampton, London, United Kingdom
Exchange Semester in Computer Science, *Fall 2025*

PROJECT EXPERIENCE

PitchPal App, Startup Project *Jun 2025*
Founder, Full-Stack Engineer
- Built an AI-powered interview simulator with voice-based interaction and adaptive question flow
- Developed the React frontend and Spring Boot backend (REST APIs, WebSockets, JWT auth)
- Implemented logging and scoring to analyze user answers and generate feedback

Growvio App, Startup Project *Oct 2025*
Co-Founder, Full-Stack + Product
- AI tool that generates personalized daily business tasks
- Built responsive React dashboards and task generation UI
- Co-led product design, branding, and onboarding

Search Analysis App *Apr 2025*
Personal AI Development Project
- Built semantic search engine using NLP-based filtering of product data
- Designed evaluation pipeline to compare AI outputs with expected user intent
- Achieved 97% match accuracy after refining prompts and normalization logic

IT Ticket Management App, Illinois Institute of Technology *Dec 2024*
Software Developer
- Java GUI app with MySQL backend and login-based role permissions
- Supported CRUD operations and ticket tracking

Antei Company Website *Sep 2024*
Web & UX/UI Developer
- Designed and developed a full website for a construction formwork company using Figma and custom HTML/CSS.

Chem-e-car Website, Chem-e-car Club, Illinois Institute of Technology *Oct 2024*
Web & UX/UI Developer
- Co-built the official club website with organized content, responsive layouts, and a clean user-friendly UI

RESEARCH

HallwAE Research, Illinois Institute of Technology *Jan 2025*
- Perform user research and develop core functionality for a Quest 3 AR communication tool using a Unix-based environment

SKILLS & INTERESTS

Skills: Python, TypeScript, Java, React, Node.js, Spring Boot, HTML/CSS, SQL, Docker, Kubernetes, AWS, GCP, Git/GitHub, Figma
Interests: Gym, track & field at Illinois Tech, drawing, philosophy, psychology, travel, content creation