

# Arina Ovcharenko

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## EDUCATION

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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

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### PitchPal App, Startup Project

June 2025 – Present

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

Co-Founder, Full-Stack + Product

October 2025 – Present

- 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

April 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

December 2024

Software Developer

- Java GUI app with MySQL backend and login-based role permissions
- Supported CRUD operations and ticket tracking

### Antei Company Website

September 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

October 2024

Web & UX/UI Developer

Co-built the official club website with organized content, responsive layouts, and a clean user-friendly UI

## RESEARCH

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### HallwAE Research, Illinois Institute of Technology

January 2025-Present

- Perform user research and develop core functionality for a Quest 3 AR communication tool using a Unix-based environment

## SKILLS & INTERESTS

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**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