

Diana Karim

260-206-9449 | karimdianaa@outlook.com | [linkedin.com/in/karimdiana](https://www.linkedin.com/in/karimdiana) | karimdiana.github.io/dev | Chicago, IL

EDUCATION

Purdue University – *Bachelor of Science in Computer Science, Minor in Mathematics* May 2025

Relevant coursework: Artificial Intelligence, Human-Computer Interaction, Web Development, Entrepreneurship

Member: Society of Women Engineers, Phi Sigma Rho, Google Developer Groups

ACHIEVEMENTS

IBM Hackathon Winner, Dean's List: 2021, 2022, 2025, Kazakhstan National Physics Olympiad – 3rd Place

WORK EXPERIENCE

Software Engineer – *Parkview Mirro Center* Fall 2024 – May 2025

- Built a desktop app to extract key medical data from PDFs, cutting manual entry from 30 min to 30 sec per file
- Implemented backend database logic to store extracted data from 7 medical report types in MongoDB Atlas
- Generated 15+ HIPAA-compliant synthetic medical records using Python Faker library for testing and QA

IT Technician – *Purdue University IT Services* March 2022 – May 2025

- Delivered campus-wide IT support across hardware, software, networking, and account systems via phone, email, in-person, and ticketing platforms. Ranked 1 out of 20+ technicians for ticket resolution volume
- Authored internal guide on ticket workflows and support processes; trained new technicians during onboarding
- Tools: Adobe Suite, Avaya, Azure, Bomgar, Cisco ISE, Jamf, Microsoft 365, ServiceNow, TeamDynamix

PROJECTS

Founder & Content Creator – *Instagram Meme Platform* February 2021 – Present

- Grew trilingual (Kazakh, Russian, English) meme page to 25K+ followers and 3M+ monthly views; content featured by national media
- Executed 20+ paid ad campaigns with specific brand requirements, outperforming baseline post engagement by 50–70% across impressions, shares, and saves

Full-Stack Engineer – *AI-Powered News Video Generator* March 2025 – Present

- Built a React/TypeScript platform that generates full AI news reports from a single text prompt, including script, voice, image, and synchronized lip movement
- Integrated OpenAI GPT-4 for script generation, Google Veo3 for video synthesis, and ElevenLabs for multilingual voice cloning; enabled full video creation in under 2 minutes with 90% sync accuracy
- Implemented secure API management and Supabase integration for user authentication and project storage

Full-Stack Developer – *Ask-A-Nerd Q&A Platform* January 2025 – May 2025

- Built a Q&A web app using HTML/CSS and React, integrating the OpenAI API to generate real-time ChatGPT responses in a live message interface (avg. 2s latency)
- Implemented a custom authentication system with bcrypt and MongoDB, built secure login/signup endpoints, and deployed the full-stack app via Vercel

UX/UI Designer & Database Developer – *Psychological Testing Web App (CS Course Project)* Fall 2023

- Designed Figma prototype. Developed SQL-based backend for auth and responses.

SKILLS

Programming Languages	JavaScript, Python, C++, C#, SQL, HTML/CSS, TypeScript
Tools/Frameworks	React, Node.js, MongoDB, Docker, Git, REST APIs, Figma, AWS, Bash
Languages	Kazakh (native), Russian (native), English (fluent)

CERTIFICATES

Google Cybersecurity Professional Certificate, EdX Relational Databases and SQL