Nekruz Ashrapov

Phone: +1 (929) 554-0055   Email: ashrapnz@mail.uc.edu   LinkedIn: linkedin.com/in/nekruzash   Portfolio: nashrapov.com

EDUCATION

University of Cincinnati – College of Engineering and Applied Science   *Expected Graduation: May 2027*
Bachelor of Science in Computer Science, Minor in Mathematics   *GPA: 3.306*
Organizations: Institute of Electrical and Electronics Engineers, UC Cryptocurrency Club, MakeUC, MidwestCon.
Relevant Coursework: Data Structures, Intro to Computer Systems, Python Programming, Information Security & Assurance, Calculus I/II, Linear Algebra, Engineering Design Thinking I/II, Computer Science I

SKILLS

Programming Languages: Python, C++, C, JavaScript, HTML/CSS, MATLAB, VBA
Frameworks: Next.js, Tailwind CSS, Sass, React, Node.js, Express.js
Tools & Platforms: Git, GitHub, Vercel, Firebase, Figma, MongoDB, Supabase, Jupyter Notebook
Foreign Languages: English, Russian, Persian

EXPERIENCE

JPMorganChase (Consumer & Community Banking)   **Columbus, Ohio**
Software Engineer Fellow   *Summer 2024*

University of Cincinnati   **Cincinnati, Ohio**
Math & English Tutor   *May 2024 – Present*
- Mentored over **9** elementary school foreign students in reading and math, championing diversity and inclusion within the community
- Customized **14** lesson plans and materials to address individual learning needs, resulting in a **23%** increase in average quiz scores
- Established a safe and welcoming environment, fostering collaboration among the students from minority backgrounds leading to a **37%** improvement in reading and writing comprehension

LEADERSHIP & EXTRACURRICULARS

MakeUC (Hackathon)   **Cincinnati, Ohio**
Technical Team Lead   *May 2024 – Present*
- Led a team of **5** developers, coordinating tasks and timelines to meet project milestones effectively
- Developed and designed a dynamic website for the Hackathon utilizing frameworks like **Next.js**, **Tailwind CSS**, **Prisma, Keystone**, and **JavaScript**, resulting in a **19%** increase in participant registrations

MidwestCon   **Cincinnati, Ohio**
Web Developer   *May 2024 - Present*
- Collaborated in a team of **5** developers to maintain and design a website for the Future of Data Hackathon 2024 using **React** and **Python**
- Gathered over **200** participants with **+$25,000** in prizes from sponsors like **Microsoft**, **Cyrannus**, and **1819 Innovation Hub**

UC Cryptocurrency Club   **Cincinnati, Ohio**
Membership Chair   *April 2024 – Present*
- Hosted engaging social events, including "decentralized game nights", resulting in a **33%** increase in club attendance and member engagement
- Collaborated with **4** Executive Board to interview club members and execute additional membership responsibilities, contributing to a **15%** enhancement in overall member satisfaction and retention within the organization

Software Developer   *March 2024 – May 2024*
- Elevated club online presence through the modernization of the website using **Next.js**, **Tailwind CSS**, **JavaScript**, and **Spline**, resulting in a **25%** increase in website traffic and **13%** rise in online membership inquiries over **3 months**
- Implemented innovative technological solutions to streamline club operations, reducing administrative workload by **17%**

Institute of Electrical and Electronics Engineers   **Cincinnati, Ohio**
Web Developer   *April 2024 – Present*
- Developed a **Next.js** web application for **UC IEEE** organization with a new Research Journal section that connected **4 departments** and increased collaboration by **31%**
- Participated in code reviews to brainstorm design requirements, leading to a **26%** increase in website performance

SELECTED PROJECTS

Friendli (Google AI Hackathon 2024)   *April 2024*
- Designed a matching algorithm using **JavaScript** and **Gemini AI**, improving match accuracy by **57%** based on similar hobbies and interests
- Implemented the **Agora RTC** using **JavaScript**, facilitating over **113** video calls between volunteers and elderly matches to prevent loneliness and depression among the elderly

QuizGen AI   *Nov 2023 – Dec 2023*
- Built a quiz generator app enabling users to generate quiz questions with user-given text using **Cohere AI** and **JavaScript**
- Increased productivity and efficiency by **45%** during studying and test preparation for final exam week with **+60 users** on campus

Available for Spring 2025, Fall 2025, Summer 2026