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

Summer 2024

Software Engineer Fellow

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