

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: UC Institute of Electrical and Electronics Engineers, UC Cryptocurrency Club, MakeUC, MidwestCon

Relevant Coursework: Programming Languages, Discrete Structures, Data Structures, Computer Systems, Python Programming, Information Security & Assurance, Calculus I/II, Linear Algebra, Differential Equations, Engineering Design Thinking I/II

SKILLS

Programming Languages: Python, Java, C++, JavaScript/TypeScript, HTML/CSS, MATLAB, VBA

Frameworks: Next.js, Tailwind, Sass, React.js, Node.js, Express.js, Maven, Spring Boot

Tools & Platforms: Git, GitHub, Firebase, MongoDB, Supabase, Kubernetes, Docker, Amazon Web Services

Foreign Languages: English, Russian, Persian

PROFESSIONAL EXPERIENCE

Headstarter AI

Long Island City, New York

Software Engineer Fellow

July 2024 – Present

- Participate in weekly AI projects, hackathons, and interview preparation sessions, enhancing technical proficiency and problem-solving abilities
- Develop **5** AI projects while participating in code reviews and receiving mentorship from startup founders
- Collaborate in a team of **4** to build and ship a product to more than **1500** users and earning **+\$1000** during the first quarter
- Utilize **React.js**, **Java** (Spring Boot), and **Webflow** to build an AI powered web application with agile development and weekly sprints

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

JPMorganChase (Consumer & Community Banking)

Columbus, Ohio

Technology Summer Analyst

June 2024 – August 2024

- Developed a DE&I compliant registration platform for an **MDI** using **Java**, **Spring Boot**, and **React.js** resulting in increased user accessibility and inclusivity
- Managed **CI/CD** practice effectively communicating progress to stakeholders, ensuring continuous delivery and increasing satisfaction
- Gained hands-on experience with agile methodologies, pair programming and chaos engineering, enhancing collaboration and resilience
- Deployed applications to **Infrastructure Net** using **Kubernetes** and **Docker**, ensuring scalable deployments, and reducing incidents

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**, **Prisma**, **Keystone**, and **JavaScript**, resulting in a **19%** increase in participant registrations

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**, **JavaScript**, and **Spline**, resulting in a **28%** 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%**

UC 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 PROJECT

Friendly (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 **Agora RTC**, facilitating over **113** video calls between volunteers and elderly to prevent depression among elderly population