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

JPMorgan Chase (Consumer & Community Banking)   **Columbus, Ohio**
Technology Summer Analyst   *June 2024 – July 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

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