

Nekruz Ashrapov

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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

Relevant Coursework: Programming Languages, Discrete Structures, Data Structures, Computer Systems, Information Security & Assurance, Linear Algebra, Differential Equations, Probability & Statistics I, Python Programming (AI, DS, ML)

SKILLS

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

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

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

Foreign Languages: English, Russian, Persian

PROFESSIONAL EXPERIENCE

Headstarter

Long Island City, New York

Software Engineer Fellow

July 2024 – Present

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

JPMorganChase (Consumer & Community Banking)

Columbus, Ohio

Technology Summer Analyst

June 2024 – August 2024

- Engineered an inclusive registration platform using **Java** (Spring Boot) and **React.js**, integrating advanced accessibility features that enhanced user experience, resulting in a **63%** reduction in registration-related support inquiries
- Optimized development workflow by **43%**, efficiently managing version control through **Bitbucket** and monitoring repositories on **JFrog**
- Directed **CI/CD** practice effectively communicating progress to **7** stakeholders, ensuring continuous delivery and increasing satisfaction by **89%**
- Deployed applications to **Infrastructure Net** using **Kubernetes** and **Docker**, ensuring scalable deployments, and reducing incidents by **57%**

University of Cincinnati

Cincinnati, Ohio

Math & English Tutor

May 2024 – August 2024

- Advised over **9** elementary school foreign students in reading and math, championing diversity and inclusion within the community
- Tailored **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
- Interpreted school documents and communications, augmenting **inclusivity** and **accessibility** for parents and community

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 gaining over **160** participants in the Hackathon
- Refined and designed a web application for the Hackathon utilizing frameworks like **Next.js**, **Tailwind**, **Keystone**, and **JavaScript**, resulting in a **19%** increase in participant registrations

UC Cryptocurrency Club

Cincinnati, Ohio

Membership Chair

March 2024 – Present

- Conducted 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, contributing to a **15%** enhancement in overall member satisfaction

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%**
- Contributed to code reviews to brainstorm design requirements, leading to a **26%** increase in website performance and scalability

SELECTED PROJECTS

Inventory Management | *JavaScript, React.js, Firebase, Next.js, Tailwind, Material UI*

July 2024 – August 2024

- Executed real-time inventory management app to handle over **100** item transactions, including searching functionalities
- Crafted an accessible user interface, enhancing accessibility by **40%** including individuals with diverse abilities

Chatbot AI | *TypeScript, React.js, OpenAI API, Next.js, Tailwind, AWS EC2*

August 2024

- Accomplished a **95%** increase in deployment efficiency by developing and deploying a multi-level AI chatbot application on **AWS EC2** servers
- Elevated user satisfaction by **60%** through the integration of advanced features like a real-time feedback mechanism

Available for Spring 2025, Fall 2025, Summer 2026