

Nekruz Ashrapov

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EDUCATION

University of Cincinnati

Expected Graduation: May 2027

Bachelor of Science in Computer Science

GPA: 3.26/4

Coursework: Data Structures • Computer Systems • Python Programming • Information Security

Organizations: Institute of Electrical and Electronics Engineers • Cyber@UC • 3D Design & Automation • ACM@UC

SKILLS

FRONT-END DEVELOPMENT | HTML • CSS • JavaScript • React • NextJS • Tailwind CSS

BACK-END DEVELOPMENT | Express • NodeJS • MongoDB • Firebase

MISCELLANEOUS | GIT • C • C++ • Python • LabVIEW • MATLAB • VBA • Microsoft Office • Bilingual (Russian and Persian)

CERTIFICATIONS/ACTIVITIES

Google: IT Support Professional Certificate • OASIS: Semiconductor Manufacturing @ Intel

Institute of Electrical and Electronics Engineers, General Body Member

Sep 2023 – Present

- Fostered a supportive environment for developers, engineers, and scientists on campus and spread of new technology information, cultivating positive and safe spaces for collaboration and knowledge exchange

WORK EXPERIENCE

Zips Carwash, Customer Service Associate

Jul 2023 – Aug 2023

- Guided an average of 53 customers per day while operating a \$400,000 machine ensuring a smooth experience
- Delivered and sold premium wash packages, contributing to a 17% increase in sales during the quarter
- Processed payments and explained wash packages to approximately 37 customers daily, maintaining a high satisfaction rate of 95%

PROJECTS

Messaging Platform

Dec 2023 – Jan 2024

- Designed and crafted a highly responsive chat application using NextJS framework with ReactJS ensuring optimal user experience across all devices and screens
- Employed Tailwind CSS to create a visually appealing and adaptive layout achieving up to 95% reduction in stylesheet weight and optimizing code distribution to ensure an efficient web experience for users
- Leveraged Google's Firebase database and Firebase authentication to authenticate users through Google accounts resulting in user data collection and retrieval time to be less than 5ms
- Tech: JavaScript • Tailwind CSS • React • NextJS • Firebase

Forum Website

May 2020 – Dec 2023

- Developed a responsive forum website, a clone to Reddit with server rendering enabling users to sign up and login with existing accounts
- Built a back-end server with MongoDB cloud database to store user account data and implemented Bcrypt algorithm to hash and encrypt user passwords to a 24-byte hash string remaining resistant to brute force attacks
- Integrated scalability and response time for server resulting in user registration request time to be less than 3ms
- Tech: Express • JavaScript • CSS • MongoDB • NodeJS • Bcrypt

QUIZGEN AI – Hackathon

Nov 2023 – Dec 2023

- Collaborated in a team to compete in a pool with 67 other groups to design and build a tool for students and teachers, 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
- Utilized JavaScript to fetch back-end AI API resulting in reading user input text and processing content to create relevant quiz questions
- Established a balanced approach between ideation, development, and refinement, ultimately maximizing productivity in a 24-hour time-constrained environment
- Tech: JavaScript • HTML • CSS • Cohere AI

Available for Summer 2024