SHOHRUZ ERNAZAROV

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EDUCATION

Hunter College, City University of New York(CUNY) Expected Graduation – May 2026
Bachelor of Arts in Computer Science *New York City, NY*
Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Computer Theory, Architecture

EXPERIENCE

Software Engineer Intern September 2024 – Present
Movement Vault *Remote*
- Leading a team of 4 interns to create an Android app for stretching from scratch, creating 6+ frontend screens and 15+ components in **Kotlin** and **Jetpack Compose** in an agile environment with weekly sprints
- Communicating directly with the **CEO** to lead the **Git** workflow through branch-based development, streamlining and minimizing merge conflicts

Software Engineer Intern July 2023 – August 2023
Unadat *Remote*
- Improved user experience by reducing page load time by **15%**, implementing **SQL** transactions in **JavaScript** and **PHP**, ensuring **ACID** properties in the **MySQL** database
- Achieved streamlined data management by implementing efficient **HTTP** requests in **AJAX**, enabling seamless and secure **CRUD** operations of private customer financial data to the **MySQL** database

PROJECTS

EchoHealth | *Next.js, TypeScript, MongoDB, OpenAI, Firebase Auth, TailwindCSS* GitHub
- Collaborated with three others at HackPrinceton (36h) to build an interactive dashboard that replaces traditional hospital whiteboards, streamlining the recording process for medical staff
- Developed a real-time transcription and summarization feature for nurse-patient conversations, utilizing OpenAI's **Whisper API** and **Chat API** to improve communication efficiency

ClubScout | *Next.js, Python, Firebase, Pinecone, OpenAI, Clerk* GitHub
- Developed a **full-stack** platform for a 72-hour hackathon, enabling students to discover and connect with 100+ clubs through personalized recommendations, utilizing scraped web data powered by **RAG**
- Achieved accurate club recommendations with a **95%** match rate by implementing a vector-based similarity search with Pinecone, utilizing a **RAG** pipeline for personalized recommendations through OpenAI's LLM

HoneyComb | *Next.js, Firebase, Stripe, OpenAI, Clerk* GitHub
- Collaborated with 2 team members to create a **B2C SaaS** for consumers to create and study from personalized flashcard sets through **OpenAI's LLM**, enhancing study efficiency
- Implemented **Stripe** to handle subscription payments through a premium service, creating paywalls for users such as unlimited flashcard sets, access to hints, and a shared library of other user-generated content

Connectify | *MERN(MongoDB, Express.js, React.js, Node.js), MUI, JWT, bcrypt* GitHub
- Created a full-stack social media web application with a **REST API** for CRUD functionality using the **MERN** stack and MaterialUI for a consistent and elegant design
- Implemented robust user security measures by integrating bcrypt for password hashing and **JWT** for token-based authentication to store in the **NoSQL MongoDB** database

SKILLS

Languages: JavaScript, TypeScript, Python, C/C++, Java, Kotlin, HTML/CSS, SQL, PHP
Libraries/Frameworks: Next.js, React.js, Express.js, Node.js, Stripe, MongoDB, Tailwind, MUI, Jetpack Compose
Developer Tools: Git/GitHub, GCP, Firebase, Vercel, Netlify, Postman, Jupyter Notebook

LEADERSHIP

Founder & President August 2023 – Present
Computer Science Club at Hunter College *New York City, NY*
- Directed a team of 10 to organize 11 events for **600+** attendees from a **800+** member roster
- Initiated a semester-long mentorship program with **70+** students, resulting in a **93%** satisfaction rating