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, Operating Systems, Deep Learning, Object-Oriented Programming

EXPERIENCE

Solutions Engineer Intern June 2025 – Present
Burt Intelligence *New York City, NY*
- Developing reusable **API integration** templates in **Ruby**, reducing projected onboarding time for new customer data sources by **40%**
- Leveraged **AWS S3** and **Athena** to resolve 5+ customer support tickets per week, addressing issues related to API integrations, ad data discrepancies, and onboarding workflows across Burt's analytics platform

Software Engineer Intern April 2025 – May 2025
Mermory *Remote*
- Improved hot reloading and build times by **20%** by refactoring bloated page layouts and React components, leading to faster development cycles and improved incremental build times
- Implemented mobile responsiveness across 5 key dashboard pages with **MaterialUI**, ensuring a consistent user experience

Software Engineer Intern September 2024 – January 2025
Movement Vault *Remote*
- Led 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
- Optimized app performance by incorporating lazy loading for images and videos stored in **AWS S3**, ensuring efficient resource usage, which led to a **10% decrease** in initial load-up time for 4500+ exercises

Software Engineer Intern July 2023 – August 2023
Unadat *Remote*
- Enhanced data consistency and integrity by implementing **SQL transactions** in PHP for 4 high-traffic pages, ensuring **ACID** compliance, preventing partial updates, and reducing data corruption incidents by **40%**
- 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

TutorEasy | *Next.js, TypeScript, PostgreSQL, Prisma, Azure, GCP, Docker, Clerk, TailwindCSS* GitHub
- Utilized **Server Actions** for efficient data mutations and **Server Components** for asynchronous data fetching with Prisma, reducing API overhead and improving request handling speed by **30%**
- Implemented an interactive dashboard **UI** using TailwindCSS, Shadcn, and Framer Motion to enhance **UX** for professors and tutors, enabling seamless access to **AI-generated** insights and analytics from tutoring sessions

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

SKILLS

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

LEADERSHIP

Founder & President August 2023 – Present
Computer Science Club at Hunter College *New York City, NY*