

# SHOHRUZ ERNAZAROV

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## EDUCATION

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### CUNY - Hunter College

Bachelor of Arts in Computer Science

Relevant Coursework: Computer Architecture, DSA, OOP, Discrete Structures, Matrix Algebra, Statistics, Calculus II

Anticipated Graduation – May 2026

New York City, NY

## EXPERIENCE

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### Software Engineer Intern

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July 2023 – August 2023

Remote

- Collaborated with a cross-functional team of designers and developers to deliver high-quality software solutions within tight deadlines, contributing to 100% of tickets completed on time.
- Successfully improved system performance and user experience by reducing page load time by 25%, through strategic enhancements to the frontend and backend using JavaScript, PHP, and SQL.
- Achieved streamlined data management by implementing efficient GET and POST requests in AJAX, enabling seamless and secure CRUD operations of private customer financial data to the MySQL database.

### Computer Science Summer Institute Participant

Google

July 2022 – August 2022

Remote

- Completed a selective 4-week intensive computer science summer program and delivered a collaborative final project presentation with a live demonstration to Google employees and community leaders.
- Configured several individual coding projects in JS through concepts such as API requests, DOM manipulation, and objects.

## PROJECTS

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### Connectify | MERN(MongoDB, Express.js, React.js, Node.js), MUI, JWT, bcrypt

[GitHub](#)

- Developed a full-stack social media web application with a REST API for CRUD functionality using the MERN stack and MUI for a consistent and elegant design.
- Implemented robust user security measures by integrating bcrypt for password hashing and JWT for token-based authentication.
- Crafted well-structured database schemas for users, posts, and friends, ensuring efficient data organization and seamless functionality.

### HoneyDo | React.js, Node.js, Express.js

[GitHub](#)

- Collaborated with 2 team members to create a full-stack web app to aid users in developing their knowledge for academic subjects using OpenAI's GPT API at a 36-hour hackathon at Princeton University.
- Managed 2 team members in the development of the project, assigning relevant tasks, adhering to project guidelines and timing, and resolving version control.

### FRC 333 Robotics Website | Next.js, HTML/CSS, JavaScript

[GitHub](#)

- Refactoring website in Next.js, TypeScript, and TailwindCSS with a modernized design to enhance maintainability, user experience, and sponsorship acquisition rates.
- Created first-ever website for a local high school robotics team, leading to a \$2000 sponsorship acquisition.

## SKILLS

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**Languages:** JavaScript, TypeScript, Python, C/C++, Java, HTML/CSS, SQL, PHP

**Libraries/Frameworks:** Next.js, React.js, Express.js, Node.js, Supabase, MongoDB, Tailwind, MUI, NumPy, pandas

**Developer Tools:** Git/GitHub, GCP, Firebase, Netlify, Postman

## LEADERSHIP

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### Computer Science Club

Founder/President

August 2023 – Present

Hunter College

- Directed a team of 9 to organize 8 events for 400+ attendees from a 500+ member roster.
- Launched a full-stack open-source website in React, leading to 2 unique contributors and 90+ commits.