

# Kazi Tishan

Brooklyn, NY | kazitishan12@gmail.com | 718-851-0820 | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION:

### Stevens Institute of Technology

Bachelor of Science in Computer Science – GPA: 3.84

Expected Graduation: May 2027  
Hoboken, NJ

- Relevant Coursework: Data Structures, Algorithms, Discrete Structures, Computer Architecture, Systems Programming, Programming Languages, DevOps Principles and Practices, Linear Algebra
- Awards & Honors: Kaminski Family Endowed Scholarship, Dean's List (Fall 2024, Spring 2025, Fall 2025)

## EXPERIENCE:

### Software Engineer

Stevens Institute of Technology Undergraduate Research Department

Feb 2025 - Current  
Hoboken, NJ

- Developed an automated internship management tool using **Playwright** and **Node.js** to synchronize website listings with Excel deadlines, utilizing session persistence to handle Okta MFA. This reduced manual tasks by 2 hours per week.
- Developing a web application, using **Next.js** and **Supabase**, that will find tailored research opportunities for students
- Analyzing and visualizing undergraduate demographic data for 4000+ students using **R** and **Python** with **Matplotlib**.

### IT Support Intern

NYC Department of Records and Information Services

Jul 2023 - Aug 2023  
New York, NY

- Provided **technical support** for the main office and remote sites, **troubleshooting** 5-10 computers daily.
- Assisted the department's transition to Industry City by troubleshooting and setting up hardware/software for 50+ devices.
- Performed PC maintenance, hardware/software installation, upgrades, and **inventory management**, managing 100+ assets.
- Managed **LAN systems**, including 75+ computers, Wi-Fi networks, printers, switches, and UPS devices.

## PROJECTS:

### Kazino Sportsbook | [Source](#)

Next.js, PostgreSQL, Supabase Auth, Shadcn UI

- Developed a **full-stack** sports betting simulation platform where users place bets on soccer matches using virtual currency.
- Built with **Next.js**, **Shadcn UI**, and utilized **Supabase/PostgreSQL** to manage user profiles, bet history, and active bets.
- Implemented authentication via **Supabase Auth** to ensure secure user sign-ups, logins, and session management.

### Kazino Sportsbook API | [Source](#)

Express.js, Puppeteer, Playwright, PostgreSQL

- Developed a **RESTful API** via **Express.js** to fetch and deliver real-time soccer and betting data for various competitions.
- Utilized **Puppeteer/Playwright** to automate the web scraping of live odds and match details to provide accurate data.
- Integrated **caching** mechanisms to optimize performance, reducing response times for frequently accessed endpoints.
- Designed a **Supabase/PostgreSQL** database to store match outcomes for analytics and quick access.

### UG Research Automated Internship Management | [Source](#)

Playwright, Node.js

- Reduced the manual content management workload for the Undergraduate Research SharePoint website by 2 hours per week by automating internship listing updates with **Playwright** and **Node.js**.

### JWT Authentication with User Sign Up and Login | [Source](#)

Java, Spring Boot, Spring Security, PostgreSQL

- Developed a backend application with sign-up and login functionality via **JWTs** with email verification using **Spring Boot**.

### 16-Bit Single-Clock Cycle CPU | [Source](#)

Logisim, Python, ARM64

- Architected using **Logisim**, featuring 4 registers, 3-read-ports, a datapath with an ALU, and separate instruction/data RAM
- Developed an assembler in **Python** to translate assembly into machine code, automating hexadecimal image files.

## TECHNICAL SKILLS:

**Languages:** Java, JavaScript, TypeScript, Python, Racket, R, PostgreSQL, MySQL, C/C++

**Frameworks/Libraries:** React, Next.js, Express.js, Spring Boot, Node.js, Tailwind CSS, Puppeteer, Playwright

**Tools/Technologies:** Git/GitHub, Microsoft Suite, Google Suite, Postman, Supabase, Vercel