

# NAMKHA TASHI OEDZER

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## EDUCATION

### Hunter College, City University of New York (CUNY)

Bachelor of Arts in Computer Science | Minor in Mathematics

Expected Graduation: May 2026

## TECHNICAL SKILLS

**Languages:** Python, JavaScript/Node, Bash, C++

**Security & Networking:** Kali Linux, Nmap, Wireshark, Burp Suite, basic Metasploit

**Dev Tools / OS:** Git, Docker, VirtualBox, Linux/Ubuntu

**Concepts:** Data Structures & algorithms, TCP/IP fundamentals, basic SQL, version control.

## RELEVANT EXPERIENCE

### Software Engineering Intern- BIG REUSE

New York, NY | July 2024 - August 2024

- Wrote a [Google Apps Script](#) that reads event data from a Google Sheet and sends calendar-invite emails, saving staff ~80 % of their manual copy-and-paste time.
- Added simple checks (date format, empty fields) and OAuth scopes set to “minimum needed,” giving me first-hand practice in **input validation and least privilege**.
- Built a small log sheet that records successful / failed sends so the team can spot mistakes—my first step toward **basic monitoring**.

### Database Manager - Peace Vase Project

International | May 2023 - Present [GitHub Repository](#)

- Help maintain a shared Google Sheets database used by volunteers in 10+ countries; recently moved sensitive columns to a private tab to reduce accidental exposure.
- Learning Swift by building an iOS helper app that **stores site data locally** (so volunteers aren't sharing live GPS all the time).
- Wrote a short Python script to flag duplicate entries with a hash check—cut mismatched rows  $\approx$  45 % in our last audit.

### Founder - Rigden Studios

New York, NY | 2023 - Present

- Built a small e-commerce site (Supabase + Stripe + Node) to sell custom hoodies; followed Stripe's guides for **3-D Secure checkout** and set up HTTPS + HSTS for the domain.
- Separated customer PII (emails, addresses) into a private table and added daily JSON backups to an encrypted S3 bucket—my intro to **basic data-protection hygiene**.
- Handle product design, orders, and site uptime—wearing “mini-DevOps” and “mini-security” hats every day while still in school

## PROJECTS

### Social app

March 2025 | [GitHub Repository](#)

Built React + Vite frontend with Node.js backend and MongoDB Atlas, featuring JWT-based auth and protected routes  
Developed real-time messaging and an Instagram-style feed (image upload via Multer, likes, comments) using RESTful APIs and Mongoose population  
Created dynamic profile pages (self and others) and a regex-powered user search endpoint  
Structured navigation with a reusable NavBar and React Router's ProtectedLayout, styled with Tailwind CSS  
Deployed backend to Heroku and frontend to Vercel, with GitHub Actions for CI/CD and linting (ESLint/Prettier)

### Translator Buddy

October 2024 | [GitHub Repository](#)

Developed a web-based voice translation application with real-time speech recognition, cross-language translation, and text-to-speech synthesis  
Implemented multi-language support across 7 languages with a responsive design compatible with desktop and mobile platforms.  
Utilized Web Speech API, Web Audio API, and custom translation integration to deliver seamless communication across language barriers.