

# Abeih Hamani

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## EDUCATION

### University

**Expected Graduation : May 2028**  
City College Of New York

Bachelor of Computer Science

- Dean's List - **Gpa : 3.66**
- Courses: Intermediate Computer Program (C++), Discrete mathematics, Computer Systems, Data Structures, Probability and Statistics

### Projects

#### FinancePal | Website | Source Code

MERN Stack | MongoDB | Express.js | React | Node.js

- Developed and deployed a full-stack expense tracking application allowing users to log, categorize, and visualize expenses with interactive charts
- Implemented JWT authentication, responsive dashboards, and PDF export functionality for financial reports

#### 3D Portfolio Room | 3D Website | Source Code

Next.js | React | TypeScript | Three.js | Blender

- Built an interactive 3D “bedroom” scene with a retro computer that users can orbit, zoom into, and explore, creating a playful entry point to my portfolio
- Modeled and exported custom assets from Blender, optimized glTF loading, and implemented camera controls/animations for a smooth, game-like browsing experience

#### MediGuard AI | Website | Source Code

Next.js | React | TypeScript | Supabase | OpenAI API

- Built an AI-powered hospital bill assistant that lets patients upload PDFs/images or paste text, select their insurance provider, and receive plain-language explanations of charges, coverage, and red flags.
- Designed a clean, mobile-friendly interface with guest sessions and sign-in flow so users can quickly run new analyses while authenticated users can securely save and revisit previous results.

## Technical Skills

**Languages:** Python, C++, JavaScript, TypeScript, HTML, CSS

**Libraries/Frameworks:** React, Node.js, Express.js, MongoDB, Next.js, Tailwind Css, Three.js

**Databases:** MongoDB, SuperBase

**Developer Tools:** Git, GitHub

## Technical Experience

### Member | ColorStack

Nov 2025 – Present

- Engaging with a national community of Black and Latinx computer science students through tech talks, workshops, and networking events.
- Participating in study groups and accountability pods to stay consistent with LeetCode practice, interview prep, and CS coursework.

### Applied AI Engineering Student | CodePath

Feb 2025 – Present

- Admitted to CodePath’s Applied AI course starting February 25, meeting weekly to build practical AI engineering skills.
- Learning Python, machine learning, and real-world AI applications through guided projects and hands-on assignments.

## Non-Technical Experience

### Secretary at Institute of Electrical Engineers Club | The City College of New York

Sept 2024 – May 2025

- Organized meetings, took minutes, and distributed updates to members.
- Managed event promotions through email and social media.
- Maintained records of chapter activities and participation.

### Founder & Coach | Bensonhurst FC

jan 2025 – Present

- Founded a community soccer club to provide affordable training and opportunities for neighborhood youth, many of whom cannot afford the \$2,000–\$3,000 annual cost of traditional teams.
- Designed and led weekly training sessions, focusing on technical skills, teamwork, and discipline for players aged 8-14.
- Personally trained younger players, including my brother, to improve ball control, dribbling, and tactical awareness.