

# Khandakar Wahiduzzaman

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## EDUCATION

**Hunter College**, City University of New York

Bachelor of Arts in Computer Science | Minor: Math & Economics | GPA: 3.56

*Expected: December 2025*

**Relevant Coursework:** Software Analysis and Design (C++, Python), Discrete Math, Comp Theory & Arc (Assembly), Operating System, Network Security(Wireshark), Web Dev(JS, HTML, CSS), Big Data, Database Management, Advanced Capstone Project

## EXPERIENCE

**Software Engineering Intern** | *The Difference* | NYC

*June 2025 – Present*

- Contributing to a full-stack mobile fitness app (Flutter/Laravel, Node.js/Express.js, MySQL) that over 7000+ users use
- Implementing a Barcode scanner where user can get nutritional data for their food by scanning a food item
- Implemented an AI-driven fraud detection feature to enhance app security and integrity
- Configured a local development environment for internal beta deployment to Apple TestFlight & Google Play Store

**IT Assistant** | *Dept. of ICIT — Hunter College* | NYC

*August 2022 – present*

- Handle System Administrative tasks (Solve network, Hardware & Software issues, Apply security patches & updates, Manage user accounts and permissions, Perform data backups and recovery, Improve system uptime)
- Managed Tech & AV equipment for 30+ high-profile events (Mixing-Board, Polycam Audio & Video Conference, Crestron Touch Panel, Projector, Tripod, Webcam, Video Recording & Editing)
- De-escalated Technical issues & operations during live events, including one attended by Mayor Eric Adams.

## PROJECTS

**Location-Based Alarm App**

- Developed a cross-platform map-based alarm app using Flutter; allowing users to set location-based alerts and receive real-time notifications when approaching their selected destination
- Implemented Google Maps SDK and background location services to create a robust geofencing system. Optimized for performance and battery efficiency on both Android and iOS

**CUNY Career Link**

- A proposed full-stack career portal designed to centralize exclusive referrals directly from all 25 CUNY counselors
- Designed role-based authentication and user interfaces for students and counselors using React, Node.js, and Tailwind CSS, with RESTful APIs allowing counselors to post opportunities and students to explore and filter relevant listings

**FabricAI app**

- Developed a mobile-first AI app to predict fabric type from images using a PyTorch EfficientNetB0 model
- Provide real-time predictions, trained on FABRIC dataset, optimized for mobile(40% faster, 95% prediction accuracy)
- Features include real-time camera detection, shopping & eco-friendly suggestions, and multilingual support

**AI Stock Predictor**

- Built a full-stack AI stock prediction web app using Flask, React, PyTorch, and scikit-learn on Yahoo Finance data
- Engineered RESTful APIs for real-time stock data retrieval and user requests(chart toggling, Confidence Interval)
- Designed a responsive UI and scalable backend, laying the groundwork for push notifications & an AI-powered Chatbot

## SKILLS

**Programming:** Python, C, C++, JavaScript, Java, Rust, Kotlin, Dart, PHP, HTML, CSS

**Frameworks & Libraries:** Django, Express.js, Flask, Next.js, Vue.js, FastAPI, React, Angular, React Native, Flutter, TensorFlow, Keras, PyTorch, Scikit-learn, OpenCV, Laravel

**Cloud & DevOps:** Docker, Kubernetes, Git, Linux, CMD, PowerShell, AWS, CI/CD, Firebase, Hadoop ecosystem

**Technologies & Tools:** Anaconda, Jupyter, GraphQL, Vite, Postman, Railway, Vercel, Render, WebSockets

**Data & Visual:** PostgreSQL, MySQL, MongoDB, Redis, Tableau, PowerBI, Excel, R, Matplotlib, Seaborn, Pandas, Numpy

**Certifications:** Google CyberSecurity | Codepath Intermediate Technical Interview prep (TIP-102) | Google Digital Marketing

## LEADERSHIP

**Treasurer** | *Art for Healing Club of Hunter College* | NYC

*August 2023 – February 2024*

- Managed club finances by overseeing club budgets, tracking expenses, and ensuring compliance with college policies
- Coordinated events for 30+ attendees, handling admin tasks, funds approval, and paperworks for College Association