

# BRINTA KUNDU

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**Hunter College, CUNY** — B.A. Computer Science (Expected May 2026)

GPA: 3.7

Coursework: Data Structures & Algorithms, Machine Learning, Operating Systems, Databases, Software Engineering, Cybersecurity

**Bard High School Early College** — H.S. Diploma & A.A., 2023

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, C++, Swift, SQL, R

**Frameworks:** React, Next.js, Node.js, SwiftUI, TensorFlow/Keras

**Tools:** AWS, Firebase, Git, Vercel, Tableau, REST APIs, CI/CD

## EXPERIENCE

**Freelance Tutor** | 2023–Present

- Tutor K–10 math/science; design structured lesson plans improving student outcomes

**iOS Engineering Intern — Movement Vault (Stretchmode)** | Aug–Dec 2025

- Built and refined SwiftUI features; integrated backend APIs for subscription flows
- Collaborated with design/engineering teams; supported CI/CD via Xcode Cloud & TestFlight

**Software Engineer Fellow — Headstarter AI** | Jul–Sept 2024

- Built 5+ AI-powered apps (Next.js, Firebase, AWS, Stripe) in weekly Agile sprints
- Applied scalable architecture and CI/CD practices under senior engineer mentorship

# PROJECTS

## **PixMix: Image Processing App (React, Canvas API)** | Mar 2025

- Built a pixel-level image editor with custom rendering algorithms; deployed on Vercel

## **Anime Analytics Dashboard (Tableau)** | Dec 2024–Jan 2025

- Designed an interactive dashboard analyzing long-term genre & popularity trends

## **Machine Learning Projects (TensorFlow/Keras)** | 2024–2025

- LSTM text generation + Phishing email detector

## **Cybersecurity Project** | 2025–Present

- Produced structured cyber incident reports analyzing real-world breaches using NIST CSF methodology
- Built a log anomaly detection system identifying brute-force login patterns

# ADDITIONAL

## Google SWE Program (GSWEP) | Mar–May 2025

English & Bengali (Fluent)