

GIANCARLO FORERO

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EDUCATION

B.A. in Computer Science – CUNY Queens College Expected May 2027

Relevant Coursework: Data Structures & Algorithms, Cryptography, Cloud Computing, Web Technologies, Software Engineering

SKILLS

Languages: Python, Java, C++, JavaScript, HTML/CSS

Frameworks: React.js, Node.js, Express.js, Flask, Tailwind CSS

Tools: MongoDB, Firebase, Cloudflare Workers, Git/GitHub, OpenCV, DeepFace, Google APIs

PROJECTS

Polly Debate AI | Python, React, Flask, OpenCV, Google APIs Oct 2025

- Built *Polly AI*, an intelligent web app providing real-time feedback on public speaking via speech and facial-expression analysis.
- Led front-end development using *React + WebRTC* and integrated *Google Speech-to-Text*, *DeepFace*, and *GPT-4* APIs.

UP! Investments (Hackathon Runner-Up) | React, Node, Tailwind, Cloudflare Oct 2025

- Co-developed *UP Investments*, a platform comparing real-estate ROI models (flip, rent, Airbnb) using live property data.
- Designed UI in *React + Tailwind* and linked to a *Node.js + Cloudflare* backend for serverless computation.

Music Review Web App | React, Node, Express, Spotify API, MongoDB Nov 2024

- Full-stack app for reviewing and tracking albums with live *Spotify API* integration and *MongoDB* data persistence.
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PROFESSIONAL EXPERIENCE

CUNY – Queens College May 2021 – Present

Financial Aid College Assistant | New York, NY

- Managed and validated institutional financial-aid data, ensuring compliance and accuracy.
 - Automated workflows via Excel macros, improving efficiency and reducing manual errors.
 - Supported research and reporting through large-scale data organization and statistical analysis.
 - Conducted web QA testing, debugging, and hyperlink validation to ensure accessibility.
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LEADERSHIP EXPERIENCE

Queens College Computer Science Club Feb 2024 – Jan 2025

Treasurer / Event Coordinator

- Organized and led an *HTML/CSS* workshop introducing students to front-end development.
- Served as lead treasurer for the *HackHarvard* trip—managed finances and logistics for 40+ students.
- Oversaw budgets, event planning, and funding for hackathons and speaker sessions.
- Collaborated with faculty to expand resources and promote campus tech engagement.