

Leonardo Cuapio

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EDUCATION

CUNY Baruch College

Bachelor of Arts in Computer Science, Minor in Chemistry

GPA: 3.8/ 4.0

New York, NY

Jan 2026

- **Coursework:** C++, Python, Database Management Systems, Web Design, Discrete Math, Data Structures and Algorithms, Computer Architecture, Combinatorics, Operating Systems, Linear Algebra, Software Design

EXPERIENCE

CUNY Tech Prep

Web Development Fellow

New York, NY

Aug 2025 – Mar 2026

- Collaborated with a team using Agile and Git, resulting in an on-time delivery of a polished web application.
- Improved front-end performance by refactoring React components, resulting in faster load times and smoother UX.
- Gained hands-on exposure to cloud and deployment fundamentals by working with Dockerized applications and AWS services (including S3) during project development.

QMed

Data Engineer Intern

Remote

Jun 2025 – Aug 2025

- Built Python scripts leveraging mathematical models to simulate hormonal menstrual cycles; extracted, cleaned, and analyzed 30+ datasets to drive biological data insights.
- Built a pipeline to predict age groups from gene expression data using ML, explainability methods, and visualizations.
- Performed omics data analytics, big data modeling, and automations to derive insights from large-scale biological datasets.

The Difference

Software Engineer Intern

Remote

Jul 2024 – Aug 2024

- Optimized client-side state management for API-driven data streams in Flutter using Riverpod, improving performance
- Revamped profile page, resulting in a 30% increase in profile views and a 15% boost in user interactions.
- Implemented a RESTful data aggregation API using Laravel's MVC architecture, consolidating multiple data sources into a single maintainable endpoint.

Google/ Basta

Software Engineer Program Mentee

Remote

Mar 2025 – Jun 2025 & Jul 2025 – Sep 2025

- Selected for the Basta x Google SWE Program (G-SWEP), receiving mentorship from a Google engineer.
- Engaging in technical discussions and career development sessions to enhance system design.
- Strengthening coding, system design, and communication skills through targeted interview prep and mentorship.

PROJECTS

Personal Website: <http://www.leonardocuapio.com/> (for additional information and projects)

RateMyProfessor AI Chatbot

- Developed an AI-powered chatbot that integrates the OpenAI API using Next.js to generate real-time responses for professor ratings, course reviews, and academic guidance.
- Designed an API-driven request/response pipeline that processes natural language queries and returns contextual recommendations with low latency.

Group Collaboration App

- Developed a full-stack hobby collection inventory management using Next.js, Node.js and Supabase, enabling users to share files, designate tasks, set goals, and chat with each other all in one app
- Developed a responsive frontend that integrates with backend APIs to perform CRUD operations on collection data.

SKILLS AND INTERESTS

Skills:

- Languages: Python, C++, SQL, HTML, CSS, JavaScript,
- Technologies: MySQL, Next.js, React.js, Flutter, Laravel, Node.js, TypeScript, Bootstrap, MaterialUI
- Tools: Git, GitHub, Postman, Thunder Client, Xcode, Android Studio, Visual Studio Code, Jupyter Notebooks, Google Workspace, Microsoft Office Suite, IntelliJ, PyCharm, Firebase, Tailwind, Supabase, AWS, Docker

Interests: Game design and strategy, music production and sound design, basketball and team analytics, sneaker and tech collections, custom PC builds and DIY projects.