

Riccardo Bean

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EDUCATION

New York University, Tandon School of Engineering

Bachelor of Science in Computer Science. GPA: 3.84/4.0

Minors in Mathematics, Astronomy, and Game Engineering

Relevant Courses: Python, DSA, OOP, Calculus, Discrete Math, Linear Algebra, Data Analysis

Summer Program in Machine & Deep Learning

Member of GLASS (Global Leaders & Scholars in STEM) Honors Program

Brooklyn, NY

May 2028

WORK & VOLUNTEER EXPERIENCE

NYU Tandon School of Engineering, Course Assistant for Computer Science Dept.

- Teach weekly recitation sessions to two groups of 30 students, proctor exams, debug and grade Python programming homework problems
- Conduct office hours to answer questions about class material

Brooklyn, NY

Aug 2025 – Present

Oraspire, Website Developer & IT Admin

- Designed a responsive interface using Figma, HTML, CSS, and JS
- Administered Google Workspace for internal staff, resolved account issues and optimized workflow configurations

Online

May 2025 – Oct 2025

New York University, Admissions Ambassador

- Lead 2+ campus tours to prospective students and answer 50+ phone calls weekly

New York, NY

Jan 2025 – Present

Google, Trusted Beta Tester

- Test confidential in-development tools monthly and provide feedback to Google Labs
- Conduct user interviews to pinpoint bugs and weaknesses of the products

Online

Sep 2024 – Present

La Scuola d'Italia, Problem-Solving Teacher

- Prepared a group of students for the Italian *Olimpiadi di Problem Solving* and boosted the team's performance by 50%
- Developed the course curriculum to cover all the topics of the competition and taught weekly lectures

New York, NY

Jan 2023 – May 2023

COMPETITIONS & AWARDS

International Informatics Olympiad

- Won first place in the scholastic selection
- Attended a course with LUISS University to learn the use of data types and solve real-world problems using C++

Venice, Italy

Jan 2021 - May 2021

Olimpiadi di Problem Solving

- Won fourth place in Italy the National Italian Problem-Solving Competition
- Competed against 2,000 students in Cryptography, Logic, Programming, and Mathematics

Venice, Italy

Jan 2021 - May 2021

PROJECTS (<https://github.com/riccardobean>)

Overthinking My Final Grade (omfg-beta.vercel.app)

Flask, React, JS, Python

- Engineered a full-stack web app that provides students with a centralized dashboard to track their academic progress
- Integrated Gemini API to automate syllabus parsing, enabling bulk assignment creation
- Developed a secure authentication and referral system to manage access to premium features

Tic Tac Toe (tictactoe.riccardo-bean.vip)

Python, PyGame

- Developed an offline desktop game featuring multiplayer, easy AI, and hard AI modes with rule-based logic to simulate strategic defensive and attacking moves

Exam Clock (clock.riccardo-bean.vip)

HTML, CSS, JS

- Designed a distraction-free exam timer that automates audio and visual announcements to simulate exam proctoring

SKILLS

Technical: Microsoft/Google Suites, Python, Flask, PyGame, C++, HTML/CSS, JS, SQLite, PostgreSQL, React, Deployment, Figma, LLM Integration, APIs

Soft Skills: Teamwork, Tutoring, Teaching, Presenting, Time Management, Problem Solving, Technical Writing

Languages: English (Advanced), Italian (Native), Spanish (Proficient), French (Beginner)