

FABIO PECORA

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[Portfolio](#) | [Linkedin](#) | [GitHub](#)

SKILLS

Programming Languages: Java, Python, R, C/C++, C#, JavaScript, HTML5, CSS3
Frameworks: React, Node.js, .NET, Unity, SQL, Selenium, Git, PostgreSQL
Languages: English, Italian.

WORK EXPERIENCE

Founder & Software Engineer

Feb 2025 – Present

[Neurora](#)

- Engineered a full AI pipeline integrating ElevenLabs voice synthesis with SadTalker lip-sync animation to produce realistic talking avatars from text.
- Created and scripted 5 unique AI characters, each delivering daily tech news tailored to a specific tech vertical.
- Designed and published highly engaging short-form video posts, automating the end-to-end process using Python and Canva.

Software Automation Engineer (Contract)

Jan 2025 – Mar 2025

[Cozzetto Media Company](#)

New York, NY

- Engineered from scratch a multi-account automation platform using Python and Selenium to streamline repetitive browser-based workflows for client-side marketing tools.
- Designed secure session handling and scheduling logic with data persistence across user actions, ensuring scalable usage for client-facing operations.
- Helped client increase qualified user engagement by over 300%, leading to a follow-back conversion rate of up to 28%.

Data Science Research Intern

May 2024 – Jul 2024

[Microsoft](#)

New York, NY

- Acquired and cleaned real-world data for research purposes using Python and R, emphasizing exploratory analysis and data modeling.
- Conducted applied statistics and machine learning tasks, formulating real-world modeling and prediction problems, including spam filtering and recommendation systems.
- Collaborated with Microsoft Research scientists on group research, producing impactful, publishable results.

Software Development Intern

Sep 2022 – Present

[New York Concrete Corp](#)

New York, NY

- Developed Java backend services and SQL queries to streamline internal business workflows.
- Improved access and visualization of operational data by integrating APIs with legacy systems.
- Partnered with senior engineers following Agile and Scrums practices to optimize productivity.

Technical Career Coach

Sep 2021 – Present

[CUNY 2X Tech](#)

New York, NY

- Mentored 100+ students on technical interview preparation and resume building.HackerRank.
- Provided 1:1 guidance on algorithmic problem-solving via LeetCode and HackerRank.
- Increased interview response rate of mentored students from 2% to 8%.

Full Stack Web Development

Jun 2022 – June 2023

[CUNY Tech Prep](#)

New York, NY

- Built production-level web applications using React, Node.js, Express, and PostgreSQL.
- Gained hands-on experience in test-driven development, Agile, and version control.
- Selected as Top 11 Student out of 170+ students, earning a mentorship with a Software Engineer from Bloomberg.

EDUCATION

Master of Science in Machine Learning/A.I.

CUNY, College of Staten Island

Graduation: May 2026

GPA: 4.0

Bachelor of Science in Computer Science

CUNY, College of Staten Island

Graduation: May 2024

GPA: 3.8