

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 [Neurora](#) Feb 2025 – Present

- Built an AI video pipeline integrating ElevenLabs with SadTalker to generate realistic tech news avatars.
- Automated short-form content creation using Python and Canva, streamlining end-to-end production.
- Designed and launched a collaboration site enabling contributors to share ideas and join Neurora’s ecosystem.

Software Engineer (Contract) [Cozzetto Media Company](#) Jan 2025 - May 2024

- Engineered from scratch a multi-account automation platform using Python and Selenium.
- Implemented secure session handling and scalable scheduling logic with data persistence.
- Boosted qualified user engagement by over 300%, leading to a follow-back conversion rate of up to 28%.
- Optimized automation scripts for reliability, reducing system crashes and downtime.

Data Science Research Intern [Microsoft](#) May 2024 – Jul 2024

- Cleaned and modeled real-world datasets using Python and R for machine learning tasks.
- Applied ML/statistical techniques to spam filtering and recommender system problems.
- Collaborated with Microsoft Research scientists on group research, producing impactful, publishable results.
- Conducted exploratory data analysis to identify key features driving predictive performance.

Software Development Intern [New York Concrete](#) Sep 2022 - Present

- 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 [Cuny 2X Tech](#) Sep 2021- Present

- 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 [Cuny Tech Prep](#) Jun 2022 – Jun 2023

- 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 10 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