

# FABIO PECORA

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## 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.

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## 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.

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## EDUCATION

### Master of Science in Software Engineering

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