

# John R. Molina

[johndev.io](http://johndev.io) | [github.com/rich-txt-editor](https://github.com/rich-txt-editor) | [johnrichardmolina@gmail.com](mailto:johnrichardmolina@gmail.com) | [linkedin.com/in/jrmolin90](https://linkedin.com/in/jrmolin90)

## EDUCATION

### Montclair State University

*Bachelor of Science in Computer Science*

Montclair, NJ

Aug. 2022 – Jan. 2024

### Hudson County Community College

*Associate of Science in Computer Science*

Jersey City, NJ

Aug. 2013 – May 2016

## TECHNICAL SKILLS

**Languages:** Python, C/C++, PHP, Python, Bash (Zsh), SQL (MySQL, PL/SQL, SQLite3), Java, Ruby, JavaScript, Swift, HTML/CSS

**Frameworks:** Django, Node.js, Tailwind CSS, Bootstrap, React, Wix, Django Rest Framework, Material-UI, Spring

**Developer Tools:** Git, Docker, Gunicorn, Google Cloud Platform, AWS, NeoVim, VS Code, PyCharm, IntelliJ, Eclipse

**Libraries:** pandas, NumPy, Seaborn, Matplotlib, Axios, Capybara, RSpec, Regular Expressions

## EXPERIENCE

### Programming AI Coding Trainer

*DataAnnotation Tech*

Feb. 2024 – Present

*Remote*

- Conducted extensive training for Large Language Models, with a focus on computer science and programming domains, to enhance the effectiveness of various in-house models.
- Performed domain research to train an Artificial Intelligence Model for improved coding prompt responses.
- Implemented data-driven evaluation strategies to enhance the precision and reliability of model conversations.
- Participated in various coding projects to train two models simultaneously across multiple languages including C, C++, Java, JavaScript, Swift, Python, and Bash.

### Development Assistant

*Columbia University, Office of Alumni & Development Data Management Group*

Dec. 2017 – Aug. 2022

*New York, NY*

- Managed and conducted data integrity efforts by performing data corrections using an Oracle database with PL/SQL and Excel to create a pipeline of up-to-date nonprofit university fundraising data.
- I helped exceed fundraising targets of \$3 billion, \$4 billion, and \$5 billion year over year through strategic data management, resulting in deeper donor relationships and 106% more engaged alumni on average.
- Spearheaded accuracy-driven constituent and philanthropic data verification projects using LexisNexis, Initium, and other platforms to ensure the integrity of fundraising-related operations.
- Utilizing Salesforce, I spearheaded the delivery of comprehensive data services across the university, while also overseeing a user-facing ticketing system. This system provided top-tier customer service to various schools and departments, ensuring seamless and efficient support.
- I worked closely with systems engineers, fundraisers, gift officers, and prospect development teams to optimize data pipeline processes, significantly enhancing fundraising operations and overall efficiency.

## PROJECTS

### [www.johndev.io](http://www.johndev.io) | *Git, Django, JavaScript, React, SQLite3, Ubuntu Droplet*

January 2024 – Present

- Designed, Developed and currently maintain a Django web app for my software engineering portfolio and blog.
- Relational database and Django Rest Framework API implemented to store and display website content.
- Frontend light & dark themes along with tooling written in Tailwind CSS and JavaScript.
- Developed a REST API using Django Rest Framework and SQLite3. Implemented CAPTCHA and blog comment rate limiting.

### **redis-c** | *C/C++*

Jun 2024 – Present

- Writing a clone of Redis in C and C++ from scratch.
- Implementing Systems and Network programming concepts for a load bearing database living in your RAM.
- Currently in development.