

# Jason Louie

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## EDUCATION

### CUNY Hunter College

*Bachelor of Arts in Computer Science, Minor in Mathematics*

New York, NY

*Aug. 2019 – Jan. 2023*

- Graduated with Cum Laude (GPA 3.7)

## EXPERIENCE

### AI Model Quality Analyst

Apr. 2024 – Jul. 2024

*Data Annotation Tech*

*Remote*

- Reviewed AI model outputs for correctness, clarity, and adherence to instructions, providing detailed feedback
- Interacted with various AI models to generate responses for diverse coding prompts and projects, ensuring relevance and quality
- Assessed and validated code-related outputs from AI models, ensuring functionality and accuracy through rigorous testing

## PROJECTS

### Unscramble! iOS Game | *Swift*

Mar. 2022 – May 2022

- Developed a simple educational word game in which users create as many words possible from a randomized string
- Displayed definitions, parts of speech, and sentence examples for words found or missed to teach users new vocabulary
- Responsive Design; supports iPhones with screens at least the size of an iPhone CE
- Implemented options for users to manipulate the minimum and maximum length of the randomized string as well as the minimum length for acceptable answers

### Python Chat Application | *Python*

Jun. 2022 – Aug. 2022

- Developed a client-server chat application using the Python library tk for UI
- Implemented text, video, and voice functionality between two clients
- Measured latency and displayed client ping using the Python library time. Messages were in realtime.
- Code profiling and performance testing with the Python library cProfile and stats

### TVShows API | *C#, NuGet, MySQL*

Dec. 2022 – Jan. 2023

- Developed a REST API with C# to provide users with information on select American Television Shows
- Created a relational database with MySQL to store and access shows' and users' data
- Implemented GET, POST, PUT, and DELETE endpoints for television shows, users, and user reviews
- Incorporated a user review system for users of the API that updated shows' scores based on the average of new and existing user reviews

### Web Chat App | *HTML, PHP, JavaScript, CSS, SQL*

Sept. 2023 – Oct. 2023

- Developed a web chat app with user sign-up and login, private messaging, and chat logging
- Created a relational database with SQL to store and access user data
- Hosted and ran the web chat app locally with XAMPP Control Panel
- Implemented profile pictures for users and stores them in a local folder
- Dynamically updated pages for chat and list of users
- Incorporated parameterized SQL queries in php files to prevent SQL injections

## TECHNICAL SKILLS

**Languages:** Python, C#, C++, MySQL, Swift, JavaScript, HTML/CSS

**Frameworks:** Ajax, Node.js

**Developer Tools:** Git, Xcode, VS Code, Visual Studio, XAMPP

**Libraries:** opencv-python, tk, imutils, sockets, threaded, numpy, pipwin, pyaudio, cProfile, stats, and time