

Rinchen Lama

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Education:

Master's in Artificial Intelligence

Aug 2024 - Present

University of the Cumberlands, Williamsburg, KY

Bachelor's in Computer Science

Jan 2020 - Jul 2022

Hunter College, The City University of New York, NY

Software Developer

Proficient in Python, C++, Java, React, SQL, Git, Web Scraping, Automation, Data Visualization, ML, AI, Prompt Engineering, LLM, GenAI

Professional Experience:

Python Developer ([Matlen Silver](#))

Sep 2023 - Present

- Consultant for Bank of America, a Fortune 500 Banking Company
- Built an Extract Transform and Load Automation Framework to replace a legacy third-party tool and improve performance, as well as apply custom functionalities to the pipeline
- Implemented Data Validation using PyDantic and built the initialization module to start up the ETL process and set proper configurations, reducing the number of failures based on User Input
- Designed, Proposed, and Implemented refactoring to modularize the codebase, improving readability and reducing the lines of code
- Created Custom Plugins for Airflow, eliminating the need for a crucial and frequent DevOps request.
- Used Ansible and Docker to deploy builds on various containers and tested the framework across multiple environments
- Involved in the entire Software Development Life Cycle of several components and features, from requirement gathering to implementation and deployment

Python Developer ([Takeo Tech](#))

Sep 2021 - Aug 2023

- Consultant for Dish Network, a satellite TV broadcaster
- Worked in a team of 7 Engineers to achieve team goals outlined in every quarter
- Designed, Implemented, and Executed Software Validation process using Python Scripting and Object Oriented Programming, cutting down the time from 18+ hours to 3 minutes
- Developed Automation projects using Python, Behave, XML, HTML5, and Selenium to test Dynamic Ad Insertion on multiple Video Streaming Platforms
- As a result of the automation, deployment frequency increased from once every 3 months to twice a month
- Wrote validation for complex Software Architectures in a Microservices Framework and generated reports to analyze 11 different microservices.
- Extensively used SQL and SQL-like languages to retrieve Data from internal servers and Amazon Athena

Student Researcher ([Google](#))

Jan 2021 - May 2021

- Studied and applied various Machine Learning techniques for Image recognition
- Used PyTorch's Mask RCNN - an Image Recognition Neural Network model to analyze food images
- Won Third place by Presenting Analyses on State-of-the-art ML models in the poster competition

Tech Fellow ([CodePath](#))

Oct 2020 – May 2021

- Taught an iOS Development Course to 120+ students per CodePath guidelines with a team of 4 Instructors

Volunteer Work:

Organizing Committee Chair and Member

([PyData NYC 2022](#), [PyData NYC 2019](#))

Organizer (Executive Chair)

Jun 2022 - Aug 2022 ([Hackeo](#))