

# Athena Rapinan

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## EDUCATION

### Columbia University

**M.S. Data Science** | Dean's MS Academic Excellence Fellow

New York, NY

Expected Dec 2026

Coursework: Applied ML, GenAI using LLMs, Computer Vision, Computer Systems, EDA, Stats Inference & Modeling, Probability

### University of California, Irvine (UCI)

**B.S. Computer Science, Intelligent Systems Specialization** | Chancellor's Award of Distinction, Cum Laude

Irvine, CA

Jun 2025

3.9 GPA | Honors Research Thesis in Human-Computer Interaction with Qualitative Analysis

## PROFESSIONAL EXPERIENCE

### Skyworks Solutions

Irvine, CA

#### Data Analyst Co-Op

Jun 2024 – Dec 2024

- Orchestrated AI integration and automation efforts, collaborating with stakeholders on requirements analysis to assist the Quality Systems team in migrating legacy databases to Salesforce within a Scrum Agile workflow.
- Designed a search engine which unifies Oracle Agile PLM data with external data sources to centralize and automate the Product Part Approval Process, ultimately reducing information retrieval latency and cross-team coordination overhead.
- Managed Power BI KPIs to present during meetings of 30+ staff, improving reporting accuracy and decision-making processes.

### Formation GmbH

Berlin, DE

#### Artificial Intelligence Intern

Jun 2023 – Aug 2023

- Pitched and created a web-based augmented reality (AR) application using React, Vite, and Three.js to prototype an XR extension for Formation's browser platform, integrating REST APIs and Elasticsearch for real-time data retrieval.
- Processed 1,000+ geospatial icons with live data using Python and deployed a Node.js backend to project objects into an AR space, providing employees AR-based search, navigation, and workplace visualization capabilities.

## LEADERSHIP

### Society of Women Engineers at UCI

Irvine, CA

#### Corporate Chair

Oct 2023 – Jun 2025

- Conducted outreach and negotiation efforts with industry representatives to host 10 companies for annual flagship event, Industry Networking Night, connecting 200+ students with engineering and technology professionals.
- Cultivated and maintained partnerships with companies to organize 12 professional development events in collaboration.

### Associated Students of UCI

Irvine, CA

#### President's Chief of Staff

Sep 2022 – Jun 2025

- Led a team of 10 directors and 70+ interns, enhancing student welfare by executing 30+ events annually while utilizing a \$200,000 budget to improve resources and influence policy changes.
- Analyzed event outcomes with feedback data collection, increasing event attendance by 22% through campaigns and outreach.

### UCI School of Information & Computer Sciences

Irvine, CA

#### Course Assistant

Jan 2023 – Jun 2024

- Taught 300+ students in the "Intro to Python" and "Software Testing, Analysis, & Quality Assurance" courses, helping students master fundamentals and applications of programming, focusing on problem-solving strategies and industry best practices.

## PROJECTS

### SideQuest NYC: AI-Powered Activity Planner

- Built a full-stack RAG-based application, developing both frontend and backend services that consume external APIs for real-time events and apply LLM-based reasoning to produce personalized, constraint-aware itineraries without decision fatigue.

### Yelp Reviews Analytical Report: Exploratory Data Analysis & Prediction

- Applied text vectorization and sentiment feature engineering (SBERT embeddings, TF-IDF) to train and evaluate Random Forest, SVM, and Logistic Regression models for rating prediction, comparing model performance and uncovering user trends.

### ZotStreaming: Database Management System

- Designed and implemented a user-friendly Python/MySQL command-line database system with normalized relational schemas, supporting analytical SQL queries, data integrity constraints, and robust CRUD operations to monitor a streaming platform.

## SKILLS

**Technical:** Python, Scikit-Learn, PyTorch, Pandas, NumPy, Matplotlib, Seaborn, API, SQL, R, JS, GCP, Jupyter, Colab, Power BI, Excel, Git, Web Development, Database Management, Information Retrieval, Data Analysis, Data Mining, Machine Learning.

**Certifications:** Certified Scrum Product Owner (CSPO), AWS Certified Cloud Practitioner (CCP).