

Jordan Ordóñez

T: (203) 252-8427 | E: jordan.i.ordonez@gmail.com | **LinkedIn:** <https://shorturl.at/YRrv7> | **Github:** <https://shorturl.at/EJXir>

Education

Columbia University, School of Engineering and Applied Science
B.S. Computer Science, Minor in Applied Mathematics

New York, NY
GRADUATED MAY 2024

BrainStation

Diploma in Data Science

- 12-week Data Science Bootcamp with hands-on experience in data analysis and machine learning.
- CourseWork: Big Data Fundamentals, Machine Learning Fundamentals, Data Analysis and Visualization.

New York, NY

JUL 2024 - OCT 2024

Professional Experience

Cliqk [Early Stage Startup]

New York, NY

Engineer (Contract)

OCT 2024 – NOV 2025

- **AI Automation & Messaging Platform:**
 - Architected end-to-end AI workflows leveraging n8n, MongoDB, AWS S3, and LLMs (Claude Sonnet, Google Gemini, xAI Grok) to automate brand-creator negotiation and communication, reducing manual effort and accelerating response times.
 - Refactored a React + TypeScript + Vite chat system with optimistic UI, real-time messaging via n8n + MongoDB, and secure AWS S3 uploads using pre-signed URLs and RTK Query.
- **Data & Scoring Systems:**
 - Designed an Athlete Social Scoring Engine combining interpolation, time-weighted engagement modeling, multi-source video parsing, cadence detection, and brand-readiness heuristics.
 - Delivered confidence scoring and a weighted composite metric powering athlete discovery, ranking, and recommendations for data-driven brand decisions.
- **Payments Infrastructure:**
 - Designed and implemented a Stripe subscription system with webhook orchestration, test/live environment separation, and idempotent event handling.

Self Employed

Freelance Web Developer

Worcester, MA

OCT 2024 – OCT 2025

- Designed and developed a professional website for a life coach business using Bluehost and WordPress, ensuring responsive design and optimized performance. Managed website deployment, maintenance, and basic SEO strategies to increase online visibility.
- Built a user-friendly website for a photo booth business using Wix, incorporating booking features and brand customization. Collaborated with clients to define business goals, enhance site functionality, and improve user experience.

Theatr App [Early Stage Startup]

New York, NY

Software Engineer Intern

AUG 2022 – DEC 2022

- Integrated EAS and TestFlight into the app development cycle to streamline app builds, deployments, and distribution to **120+ beta testers**. Further enhanced automation by implementing GitLab CI/CD pipelines.
- Implemented a push notification system to inform beta testers about new, trending, and soon-to-close Broadway shows, increasing user engagement.

Rivrb Inc. [Early Stage Startup]

New York, NY

Software Engineer Intern

JUL 2021 – FEB 2022

- Developed and optimized Rivrb's login/authentication workflows and intuitive UI/UX from scratch using React Native and Firebase, improving user experience and streamlining the onboarding process.
- Built a Python-based data parser for extracting and analyzing Twitter and Facebook posts, hosted on AWS, enabling efficient social media data processing and analysis.

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BrainStation Data Science Bootcamp Deliverables

Home, Home Alone (BrainStation Data Science Capstone) — Analyzed a decade of **U.S. housing market data** to identify key drivers of supply and demand and forecast property prices using **Random Forest, XGBoost, and time-series models**. Developed visualizations to explain findings, and presented insights to a panel of data professionals.

West Nile Virus Surveillance (Exploratory Analysis) — Cleaned and visualized **Chicago mosquito surveillance data (2008–2019)** to explore relationships between mosquito species, seasonal patterns, and WNV presence. Delivered findings through a **Jupyter Notebook** with data wrangling, EDA visualizations, and actionable public health insights.

West Nile Virus (Predictive Modeling) — Built linear and logistic regression models to identify predictors of mosquito count and WNV presence using cleaned datasets and feature engineering. Assessed statistical significance of correlations and documented findings with clear methodology and model interpretation.

Hotel Review Sentiment Analysis — Applied **NLP and machine learning** (Logistic Regression, Decision Trees) to classify review sentiment and identify key factors influencing customer satisfaction. Built preprocessing pipelines using **CountVectorizer and PCA**, evaluated models with cross-validation, and analyzed key predictive features.

United States Air Traffic Analysis — Conducted a **SQL-based analysis** of 2018–2019 Bureau of Transportation Statistics flight data to uncover trends in flight volume, delays, and operational efficiency. Optimized queries using joins and subqueries to compare performance and generated insights for potential **airline investment strategies**.

Skills:

Languages: Python, TypeScript, JavaScript, Java

AI/LLMs: Claude Sonnet, Google Gemini, xAI Grok, Prompt Engineering, RAG, AI Workflow Automation

Backend & Cloud: Node.js, Express, AWS (S3, Lambda), REST APIs, Webhooks

Databases: MongoDB, DynamoDB, MySQL, Firestore, Pinecone

Frontend: React, Vite

Automation & Integrations: n8n, Stripe Billing

Systems & Tools: Git, CI/CD, Data Modeling, Aggregation Pipelines