

Samir Hadi Cisneros

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PROFESSIONAL EXPERIENCE

- BNY** New York, New York
Software Engineer August 2024 – Present
- Contributed to engineering a scalable distributed cost basis platform processing over 2 million daily transactions.
 - Optimized API and data pipelines with Java, Spring Boot, SQL, and Spark, resulting in a 60% performance boost.
 - Collaborated with business stakeholders to implement backend features, accelerating release timelines by 40%.
 - Ensured code quality leading code reviews, unit tests, version control standards w/ colleagues across time zones.
- Wirtgen Group** Atlanta, Georgia
Full-Stack Software Engineer Contract October 2023 – June 2024
- Directed the development of an inspection app with reporting that cut monthly operational costs by \$10,000+.
 - Actively collaborated** with company stakeholders to refine product requirements, streamlining launches by 60%.
 - Thrived in an agile environment, adeptly navigating evolving project requirements, increasing client satisfaction.
- CLEAR** New York, New York
Software Engineering Intern June 2023 – August 2023
- Pioneered a proof of concept in the flagship iOS app resulting in a significant speedup in verification time.
 - Created a comprehensive full-stack demo service utilizing **Swift, React, & Flask** to propose to senior leadership.
 - Implemented enhancements that streamlined CLEAR plus verification experience for over 5 million members.
- Signify – Cooper Lighting Solutions** Atlanta, Georgia
Software Engineer Intern January 2023 – May 2023
- Revamped the backend structure of Wavelinx Lite app leading to a 20% acceleration of API development time.
 - Operated as a backend engineer building API's using **Java/Spring** Framework to enhance app functionality.
 - Collaborated with frontend developers ensure seamless integration between frontend and backend components.

PROJECTS

- Euterra**
- Developed a real estate platform that identifies prolific house flippers in a region using a custom machine learning model.
 - Built a data miner in Python to scrape real estate data and indexed a PostgreSQL database for efficient storage & querying.
 - Created a full-stack web app with React & FastAPI, providing users with easy access to view prolific house flipper data.
- Wirtgen Inspection App**
- Deployed a full-stack inspection app, featuring **predictive dashboards** for admins and photo-inspections for employees.
 - Architected the app using React Native in the frontend and implemented a FastAPI backend with Python & PostgreSQL.
 - Introduced a data-driven approach to parts replacement, empowering admins to minimize downtime and optimize costs.
- Itini-ready**
- Developed the backend of an itinerary generator that makes **personalized recommendations** based on user preferences.
 - Collaborated with front-end developers to ensure seamless integration of the backend with the front-end user interface.
 - Implemented this using Flask server in Python, integrating Maps APIs and **machine learning** text vectorization models.

SKILLS

Languages: Python, Java, Swift, JavaScript, SQL, Typescript, C, C++, HTML, CSS, SQL, PHP

Frameworks & Tools: Spring, FastAPI, Apache Spark, Hadoop, React, Flask, Django, SwiftUI, PyTorch, Node.js, SQLAlchemy

Fluent in Spanish - Received Georgia Seal of Biliteracy

EDUCATION

Georgia Institute of Technology Atlanta, Georgia
Master of Science in **Computer Science** w/ **Machine Learning** specialization August 2024 – December 2026

Relevant Coursework:

Machine Learning, Machine Learning for Trading, AI Ethics and Society

University of Georgia Athens, Georgia
Bachelor of Science in **Computer Science** August 2020 – December 2023

Relevant Coursework:

Software Engineering, Data Structures, Algorithms, Operating Systems, Web Programming, Mobile Dev, Computer Graphics