

# Jonathan Lopez

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Portfolio: [jonaaio.com](https://jonaaio.com)

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## PROFESSIONAL SUMMARY:

Data Analyst with a B.S. in Computer Science and hands-on experience working with real-time data systems, API integrations, and automation. Skilled in Python and SQL, with a strong focus on data processing, trend analysis, and building data-driven solutions.

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## PROJECTS

### Market Pricing Analytics System (Python, eBay API)

- Built a data-driven pricing tool using eBay API to collect and analyze recent sales data
- Calculated average sale prices and identified pricing trends to improve profitability
- Automated data collection and processing for real-time pricing insights
- Supported data-driven decision-making for inventory purchasing strategies
- Queried and structured sales data using SQL and SQLite for analysis and reporting

### Stock & Crypto Monitoring System (Python, APIs)

- Collected, cleaned, and processed financial data from multiple APIs
- Analyzed price changes and implemented threshold-based alerting for market movements
- Built a real-time data pipeline for continuous monitoring and analysis
- Delivered actionable insights through automated alerts

### Reselling Business Analytics (Data Analysis Project)

- Analyzed product performance, pricing trends, and ROI across multiple marketplaces
  - Evaluated historical sales data to optimize purchasing and pricing strategies
  - Increased revenue by 300% through data-driven decision-making
  - Identified high-demand products using market trend analysis
  - Presented insights using structured data outputs and basic data visualization techniques
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## TECHNICAL SKILLS

**Languages:** Python, SQL, JavaScript

**Data Skills:** Data Analysis, Data Cleaning, Data Processing, API Data Extraction

**Databases:** SQLite, SQL

**APIs:** REST APIs, eBay API, Financial APIs

**Concepts:** Data Pipelines, Trend Analysis, Automation, Data Visualization

**Libraries:** Pandas

**Tools:** Excel, Google Sheets

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## PROFESSIONAL EXPERIENCE

### Home Depot, Head Cashier

Ontario, CA | 3/2022 – Present

- Analyzed transaction flow and customer patterns to improve checkout efficiency
- Improved workflow coordination between departments, reducing delays in order processing
- Managed daily transactions exceeding \$100K+, maintaining accuracy and accountability

### Jona Resells, *Founder & Market Analyst*

Ontario, CA | 1/2020 – Present

- Built and scaled a reselling business using data-driven pricing strategies
  - Analyzed product trends and optimized inventory decisions using market data
  - Increased revenue by 300% through automation and targeted listings
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## EDUCATION

**California State University, San Bernardino**  
Bachelor of Science, Computer Science

Graduated: May 2025

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