

Jonathan Wong

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Education

COOP Careers – Data Analytics Apprentice

Feb 2025 – June 2025

- Engaged in a 16-week apprenticeship program, acquiring expertise in data cleaning, transformation, analysis, and visualization using SQL, Excel, and Tableau, alongside continuous professional development

Hunter College, City University of New York

New York, NY

Bachelor of Arts in Economics, Certificate in Public Policy, Minor in Psychology

June 2017

Technical Skills & Certifications

- Certifications:** Google Business Intelligence Professional Certificate, (Coursera), Google Data Analytics Professional Certificate (Coursera), Software Engineering (Flatiron School)
- Technical Skills:** Excel, SQL, Tableau, R, Python, AWS, Java, Spring Boot, JavaScript, React, Angular, Ruby, Ruby on Rails, Django, HTML, CSS, Git, STATA

Projects

COOP, [Optimize Spending Through Marketing Analytics](#) (Excel, Tableau)

May 2025

- Analyzed 2 multi-channel digital marketing datasets using Excel (VLOOKUP, IFERROR, Pivot Tables) to merge data, perform data cleaning, transformation, error handling, remove missing values, and KPI calculations
- Created 5 data visualizations using Tableau and Excel Pivot Tables to visualize top and bottom audience segments by performance and cost-effectiveness KPIs (CTR, CPC, CPM, CVR, and CPA) for drive data-driven insights

Work Experience

COOP Careers

New York, NY

Captain, Data Analytics

July 2025 – Present

- Instruct a cohort of 16 college graduates in Data Analytics concepts and tools (Excel, SQL, Tableau), emphasizing data cleaning, queries, and visualizations
- Monitor performance metrics and provide targeted feedback for fellows, resulting in a 95%+ completion rate of career readiness portfolios

Liquid Technology

Brooklyn, NY

Warehouse Associate

June 2024 – Present

- Process and validate purchase orders using Excel formulas and conditional formatting, achieving 100% data accuracy through barcode matching and error checking

Infosys

Jersey City, NJ

Senior Associate

July 2022 – February 2023

- Developed secure Java microservices (2FA, SQL sandbox, password vault) with full automated unit testing for 100% coverage, reducing system vulnerabilities by 40%
- Led performance tuning and code optimization across 2 cross-functional teams, improving performance by 25%
- Onboarded 2 new developers, reducing ramp-up time by 30% and improving team productivity by 15%

Associate

June 2021 – July 2022

- Built scalable Single Page Applications using Spring Boot, Angular, REST APIs, and Git for version control

Dow Jones

Monmouth Junction, NJ

Application Developer

November 2021 – October 2022

- Managed 3 internal gateway applications, ensuring 99.9% uptime and seamless data flow across applications
- Created, maintained, and deployed APIs for managed applications with tools like WinSCP and PuTTY, enabling continuous updates, reducing bug resolution time by 40%, and ensuring 100% system integration
- Monitored cloud application health via AWS CloudWatch and managed ECS containers and SQS queues, increasing uptime by 20% and preventing outages