

Jonathan Wong

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Education

COOP Careers – Data Analytics Fellow

February 2025 – June 2025

- Engaged in a 16-week fellowship 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 demographics by performance and cost-effectiveness KPIs (CTR, CPC, CPM, CVR, and CPA) for data-driven insights
- Presented findings, insights, and recommendations to cohort leadership, communicating complex data trends clearly

Work Experience

COOP

New York, NY

Captain, Data Analytics

July 2025 – Present

- Instruct a cohort of 16 college graduates in core Data Analytics methodologies and tools (Excel, SQL, Tableau), emphasizing data cleaning, data transformation, and query development aligned with industry standards
- Track and analyze learner performance metrics to identify trends and gaps, delivering targeted feedback that drove a 95%+ completion rate of career-readiness portfolios
- Mentor fellows through hands-on data projects, supporting their technical skill development

Liquid Technology

Brooklyn, NY

Warehouse Associate

June 2024 – Present

- Process and validate purchase orders in Excel, ensuring 100% accuracy with barcode matching and error checks

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 code optimization for 2 cross-functional teams, improving data processing speed and app performance by 25%
- Onboarded and mentored 2 developers, increasing onboarding efficiency by 30% and 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
- Developed, maintained, and deployed APIs using tools such as WinSCP and PuTTY, enabling continuous updates, reducing bug resolution time by 40%, and ensuring 100% system integration
- Monitored cloud application performance using AWS CloudWatch and managed ECS containers and SQS queues, increasing uptime by 20% and preventing service outages