

# Jonathan Wong

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## Education

### **COOP Careers – Data Analytics Apprentice**

February 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

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## 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

- Processed and validated 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