

Jonathan Wong

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Education

COOP Careers – Data Analytics Apprentice

Feb 2025 – Present

A competitive program dedicated to empowering underemployed college graduates from under-resourced and marginalized communities through specialized training and career development

- Engaging in a 16-week apprenticeship program, acquiring expertise in data cleaning, transformation, analysis, and visualization using SQL, Excel, and Tableau, alongside continuous professional development
- 200 hours of instruction time with a hands-on mastery of data tools, communication training, networking, and client work with actual companies

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 Analytics Professional Certificate (Coursera), Software Engineering (Flatiron School)
- **Technical Skills:** SQL, Excel (Pivot Table and VLOOKUP), Tableau, R Programming, AWS, Java, Spring Boot, JavaScript, React, Angular, Ruby, Ruby on Rails, Python, Django, HTML, CSS, STATA

Projects

Dow Jones, Server Migration from On-premises to AWS (AWS, Unix, XML)

October 2022

- Contributed to migrating 100+ on-prem servers to AWS, improving scalability, resilience, and reducing costs by 30%
- Enhanced cloud architecture, security, and performance through automation and monitoring, increasing uptime by 20%

Work Experience

Liquid Technology

Brooklyn, NY

Warehouse Associate

June 2024 – Present

- Process and fulfill orders using barcode verification with Excel VLOOKUP/conditional formatting, ensuring 100% accuracy
- Train 3 new hires, reducing training time by 25% and increasing team productivity

Infosys

Jersey City, NJ

Senior Associate

July 2022 – February 2023

- Developed Java microservices (2FA, SQL sandbox, password vault) with automated testing for 100% feature coverage, reducing security vulnerabilities by 40%
- Engineered and optimized Java and SQL backend for the front-end team, improving query speed by 30% and scalability
- Spearheaded code optimization across 2 cross-functional teams, driving a 25% improvement in performance
- Onboarded 2 new team members, reducing ramp-up time by 30% and improving team productivity by 15%

Associate

June 2021 – July 2022

- Completed an intensive 10-week full-stack development program, gaining hands-on experience in Java, Spring Boot, SQL, and front-end technologies for real-world application development
- Built Single Page Applications using Spring Boot, Angular, and RESTful APIs, utilizing 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
- 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
- Leveraged AWS CloudWatch to monitor ECS containers and AWS SQS to verify queues, increasing uptime by 20% and preventing outages