Jonathan Wong

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Education

COOP Careers - Data Analytics Fellow *Expected June 2025*
- A competitive program dedicated to empowering underemployed college graduates from under-resourced and marginalized communities through specialized training and career developmentEngaging in a 16-week fellowship program, acquiring expertise in data cleaning, transformation, analysis, and visualization using SQL, Python, 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)
- **Programming Languages**: Python, SQL, Excel (Pivot Table and Vlookup), Tableau, R Programming, Java, Spring Boot, JavaScript, React, TypeScript, Ruby, Ruby on Rails, Django, HTML, CSS, AWS

Projects

Dow Jones, Server Migration from On-premises to AWS (AWS, Unix, XML) *November 2021 - October 2022*
- Migrated 100+ enterprise servers to AWS, boosting scalability, resilience, and cost efficiency
- Optimized cloud architecture, security, and performance, ensuring compliance, uptime, and efficiency

Work Experience

Liquid Technology *Brooklyn, NY*
Warehouse Associate *June 2024 – Present*
- Accurately pick, pack, and prepare orders for shipment, ensuring precision and operational efficiency
- Load and unload shipments while optimizing space utilization and minimizing handling time

Infosys *Jersey City, NJ*
Senior Associate *July 2022 - February 2023*
- Developed new Java microservices and optimized existing ones, cutting security vulnerabilities by 40%
- Implemented comprehensive testing, achieving 95% feature coverage and identifying 80% of issues pre-release
- Engineered and optimized backend infrastructure, improving system performance by 25% to better support front-end team requirements
- Applied AGILE methodologies to manage project scope, milestones, and execution

Infosys *Jersey City, NJ*
Associate *June 2021 - July 2022*
- Completed an intensive 10-week training program in full-stack development, gaining hands-on experience with Java, Spring Boot, Angular, JavaScript, TypeScript, HTML, CSS, and SQL
- Developed Single Page Applications using Spring Boot and Angular with RESTful APIs

Dow Jones *Monmouth Junction, NJ*
Application Developer *November 2021 – October 2022*
- Managed internal gateway applications, ensuring 99.9% uptime and seamless data flow, while serving as the subject matter expert
- Developed and maintained APIs as requested by teams, utilizing UNIX tools such as WinSCP and PuTTY
- Facilitated dynamic and routine deployment processes, enabling continuous feature updates and reducing bug resolution time by 40%
- Utilized AWS SQS for queue verification, CloudWatch for log monitoring, and ECS to monitor server performance