

# Jonathan Wong

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## Education

### **COOP Careers - Data Analytics Fellow**

*Feb 2025– Present*

- Engaging in a 16-week fellowship 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
- A competitive program dedicated to empowering underemployed college graduates from under-resourced and marginalized communities through specialized training and career 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 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