

Valerie Wong

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EDUCATION

COOP Careers - Data Analytics Fellow

February 2025 - June 2025

- Engage in a **16-week** fellowship program focused on data cleaning, transformation, analysis, and visualization using **SQL, Python, and Tableau**, alongside continuous professional development
- Gained **200 hours** of hands-on training in data tools, client work with actual companies, communication, and networking
- Served as a team lead to oversee scheduling, project scope, and progress tracking to ensure timely completion

University of California - Riverside (UCR), Bourns College of Engineering

September 2020 - June 2024

Bachelor of Science, Computer Science

- Relevant Coursework:** Website Development, Artificial Intelligence, Machine Learning, Data Analysis Methods

SKILLS & CERTIFICATIONS

Data Management Tools: MongoDB, SQL, Microsoft Excel, Firebase, Grafana

Organizational Skills: Data Verification, Accuracy Checks, Cross-Referencing

Software and Tools: Tableau, Microsoft Office Suite (Excel, Word), Jupyter Notebook, Github, Figma, Snowflake

Languages: SQL, Python, C++, C#, R, HTML, CSS, Javascript, Typescript, Postgres SQL

Certifications: Google Data Analytics Professional Certificate (Coursera 2025), SQL for Data Science (Coursera 2023), Foundations of User Experience Design (Google 2024), Build Wireframes and Low-Fidelity Prototypes (Google 2024)

WORK EXPERIENCE

Genentech

South San Francisco, CA

IT Analyst Intern

May 2025 - Present

- Automate **ServiceNow** article synchronization into **NotebookLM** using **JavaScript**, boosting onboarding efficiency
- Streamline new hire data collection process by **80%** using **VLOOKUP** and **scripting**, boosting accuracy and efficiency
- Engineer an **Apps Script** automation tool that eliminates bottlenecks and achieves **100%** acceleration to live reporting
- Leverage **Snowflake** and **SQL** to query data tables, utilizing findings to support and enhance automation initiatives

Artr, E-Commerce Start Up

Remote

Software Engineer II

April 2024 - January 2025

- Architect of **end-to-end** Artr software stack, working in conjunction with backend engineers
- Built an **Ecommerce platform**, targeting **10,000+** college students, and help **lead a 6-member developer team**
- Developed and maintained FE components using **UI driven development** with continuous and constructive feedback

UCR Information Technology Solutions

Riverside, CA

Software Helpdesk Technician

April 2023 - June 2024

- Resolved **technical issues** while maintaining detailed and accurate records of user reports and solutions
- Managed **10+ support calls** each shift, ensuring timely resolution and clear communication with users
- Collaborated** with ITS II staff to address complex technical problems and **kept records** of issues and resolutions
- Adhered to **data security protocols** (e.g., HIPAA) to protect sensitive user information

PROJECTS

Mock Market Analysis Capstone | <http://bit.ly/3HJjjMp>

April 2025 - May 2025

- Analyzed telecom market data in **Excel** and **Tableau** to inform client marketing strategy, identifying optimal ad sizes
- Delivered **dashboards** and **reports** with actionable insights that enabled stakeholders to optimize resource allocation
- Led a **3-person team**, managing scope, timelines, and deliverables for successful client recommendations

2018 San Francisco Crime Data Analysis | bit.ly/2018_sf_crime_analysis

March 2025 - April 2025

- Analyzed 2018 SF crime data to guide the city's funding allocation for reducing crime in vulnerable neighborhoods
- Utilized **Excel** to clean **150,000+ rows**, removing irrelevant information and identifying key trends using pivot tables
- Built **Tableau** visualizations to deliver key findings and provide actionable recommendations for our stakeholders