

# LaJoy Williams

## Data Analyst | Chemist

### Contact

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(216) 832-9292 ☎

Atlanta, GA 📍

### Education

Bachelor of Science

Chemistry

**The Ohio State**

**University**

2016-2018

Chemistry

**Howard University**

2014-2015

### Skills

SQL

Python

Tableau

R Programming

Data Visualization

Microsoft Excel

Scientific Data Analysis

Excel VLOOKUP

Product Development

Project Management

Statistical Modeling

Laboratory Equipment

Chemistry

Research &

Development

### Projects (<http://github.com/lajoyw18>)

#### Advanced Relational Database and SQL

Used advanced SQL topics including functions, stored procedures, triggers, common table expressions and recursion to generate end-user-facing data presentations

-Data Science, DB Design, Relational Database, SQL-

#### Analyzed International Debt Statistics

Wrote SQL queries to answer interesting question about international debt using data from The World Bank

-Data Manipulation, Importing & Cleaning Data, SQL-

#### When Was the Golden Age of Video Games?

Used joins and set theory to discover the best years for video games

-Data Manipulation -

### Certifications

#### Google Data Analytics Professional Certificate

Google

Date of Completion: March 2022

### Work Experience

#### Chemist

ACM Chemistries

June 2021 – Current / Norcross, GA

- Saved the company \$1.3 million by spearheading research and development of 3 new products working cross-functionally and problem solving, to push products to market
- Leveraged MS Excel to analyze a broad spectrum of business insights to produce data-driven strategic decisions in collaboration with stakeholders
- Utilized various scientific instruments & test (pH, densimeter, HPLC, FTIR, PSA, viscometer, moisture balance, centrifuge, dip slides, glutaraldehyde test, etc.) to collect/ analyze data to approve and improve raw materials & finished goods

#### R&D Chemist

Sherwin-Williams Powder Coatings

June 2018 - March 2021 / Grove City, OH

- Implemented qualitative and quantitative data analysis methods to validate data from the database and identify issues in the process of powder coating quality assurance
- Designed experimental protocols and analytical procedures for laboratory experiments
- Collaborated in a lab setting to test, research, develop, and approve products using polymer formulations while maintaining team cohesion