

# JAMAL KAPLAN

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## Data Scientist, Analyst

### TECHNICAL SKILLS

**Languages:** Python, SQL, MySQL, PostgreSQL, Java, JSON

**Machine Learning:** Data Mining, Clustering & Classification, Data Analytics, Quantitative Analysis, Data Visualization, Predictive Analysis, Statistical Modeling, AB testing, Relational database

**Packages:** Scikit-learn, PySpark, Git, NumPy/SciPy, Pandas, Jupyter, Power BI, Tableau, Matplotlib, Excel, PowerPoint, and Word

### EXPERIENCE

Wowso Inc. ▪ Remote ▪ USA ▪ May 2022 - Present

#### Data Scientist

##### Project:

- Built a back-end system to automate extracting and storing data from Twitter using APIs.
- Applied data science techniques to manipulate large structured and unstructured data sets.
- Developed a ranking system and real-time categorization of users and tweets.
- Applied NLP methods, sentiment analysis, and ML models to these datasets.
- Completed a good infrastructure for the Wowso app and deployed the sample system for the developers.
- Translated quantitative analyses and findings into accessible visuals for non-technical audiences
- Used Tweepy API, Lambda Function, and RDS in AWS.

BusyQA ▪ Remote ▪ Canada ▪ May 2020 - June 2021

#### Software QA Analyst /Tester

##### Project #1:

Jombone Inc.(v3.0) is a fully digital cloud-based Hiring & Employment Management platform for Workers and Companies.

- Flagged bugs and defects and relaying issues to the Scrum Master through Jira.
- Validated that user expectations are achieved during the testing process.
- Designed, developed, executed, and evaluated automated tests for functional, regression, and performance testing.

##### Project #2:

TwoPLUGS (v10.0) is a marketplace where users sell services they are good at, earn some points, and use them to buy a service they need ALL without using money.

- Wrote test plans, test cases, and test scripts from scratch.
- Performed REST API testing by validating HTTP requests and responses using Postman.

### EDUCATION & RECENT TRAINING

**Machine Learning Full Stack Bootcamp**, Magnimind Academy | USA, CA, 2022

**Master of Science (MSc), Mechatronics Engineering** | University of Waterloo | Canada, ON, 2017