

# JAMAL KAPLAN

Fully authorized to work in the USA and Canada

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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, Jira, PowerPoint, and Word

### EXPERIENCE

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

#### Data Scientist

- Built a back-end system to automate extracting from Twitter using API and storing data in the cloud.
- 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.

Teledyne DALSA ▪ Waterloo, Canada ▪ 1 year 8 Months

#### QA, Data Analyst

- Assembled and tested X-Ray detectors for different types of tests such as functional and optical tests.
- Analyzed test results data and categorized detectors into different types of quality ranges.

University of Waterloo ▪ Waterloo, Canada ▪ 2 years 6 months

#### Research Assistance

- Collaborated with the research group.
- Managed different projects.
- Presented results with the research group.

### EDUCATION & RECENT TRAINING

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

**Bachelor of Science (BSc), Mechatronics Engineering** | Erciyes University | Turkey