

# JAMAL KAPLAN

Remote ▪ 669.249.0669 ▪ jamalckaplan@gmail.com [Github](#)

## Data Scientist

Recent Data Science graduate with theoretical and hands-on experience in Data Science.

### TECHNICAL COMPETENCIES

**Languages:** Python, SQL, Java

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

**Packages:** Scikit-learn, PySpark, Git, NumPy/SciPy, Pandas, Jupyter, Power BI, Tableau, Matplotlib, Selenium Web Driver

## Education & Certifications & Recent Training

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

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

### Featured Projects:

#### CAPSTONE III - Burrito Rating Prediction

- Conducted exploratory data analysis (EDA), cleaned, and prepared data for machine learning training.
- Created scikit-learn pipeline with one hot encoder, scaler, and logistic regressor components.

#### CAPSTONE II - Bank Churn Prediction

- Conducted exploratory data analysis (EDA), cleaned, and prepared data for machine learning training.
- Created scikit-learn pipeline to do multiple task in one place for different model.
- Trained and tested four different models to compare results and Support Vector Machine model is selected.

## Professional Experience

BusyQA ▪ Remote ▪ Canada ▪ May 2020 - May 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. As an Automation Engineer, my responsibility was

- Flagging bugs and defects and relaying issues to the Scrum Master through Jira.
- Validating that user expectations are achieved during the testing process.
- Design, develop, execute, and evaluate 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 to buy a service they need ALL without using money. As an Automation Engineer, my responsibility was

- Writing test plans, test cases, and test scripts from scratch.
- Performing REST API testing by validating HTTP request and response using Postman.

Teledyne DALSA ▪ Waterloo, Canada ▪ March 2018 - January 2020

### Technical Specialist – Quality Control/Testing

My responsibility was

- Programming X-Ray detectors and updated the software of Printed Circuit Board (PCB) using National Instrument Software and conducted a Cold Spray temperature test before installing into the detector.
- Assembling and testing X-Ray detectors for different types of tests such as functional, x-ray and optical tests in the Clean Room.