

# Darwin Lajoie

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[darwinlajoie22.com](http://darwinlajoie22.com)

## SUMMARY

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Hold a master's degree in Data Analytics and currently finishing a master's degree in Statistics and Econometrics. Looking for an opportunity as Business Intelligence Analyst or Data Scientist by utilizing creativity, strong analytical and communication skills to create or add more value to business.

## EDUCATION

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- University of Central Florida** Orlando, FL  
Master of Science (M.S.), Data Analytics, GPA: 3.775/4.00 May 2020
- Relevant Coursework: Machine Learning, Parallel and Distributed Databases, Network Science, Data Preparation, Data visualization, Data Mining, Parallel Computing (Amazon Web Service, Hadoop, Spark)
- Toulouse 1 Capitole University** Toulouse, France  
Master of Science (M.S.), Statistics and Econometrics June 2020
- Relevant Coursework: Data Mining and machine learning, Gaussian Linear Model and Nonparametric Model, Time Series, Sampling Design, Big Data, Web Mining (Network science, Natural Language processing), Survival Analysis
- University Diploma, Applied Statistics June 2018
- Centre de Techniques de Planification et d'Economie Appliquée (CTPEA)** Port-au-Prince, Haïti  
Bachelor of Art (B.A), Economics, Major: Statistics December 2015
- Vice-President of the student council 2015

## SKILLS

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**Certification:** SAS Base programmer 9.4 (SAS, June 2020)  
**Computer:** Microsoft Excel, Tableau, PowerPoint, Word, SAS, SPSS  
**Programming:** Python, Pyspark, R, SQL, Hadoop, Spark  
**Other Skills:** ETL, strong quantitative and qualitative research, Project Monitoring and Evaluation  
**Languages:** French (Native), Haitian Creole (Native), Professional working proficiency in English

## ACADEMIC PROJECTS

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- Capstone Project** April 2020
- Creation of a categorization algorithm for work orders in the hope of giving Southern States Toyota the ability to gain more analysis from their work orders and lower downtime of forklifts (Python was used as a tool to do the text analysis and implement the models).
- Web Mining Project (Kaggle)** March 2020
- Predict the number of upvotes of reddit comments from the subreddit "AskReddit" based on sharing network and text content through use of different Machine Learning models to conduct optimal classification on Python
- Data Visualization** April 2020
- Visualization of causes of death in the world by showing what are the leading causes of death, how have causes of death changed overtime and how different the causes of death are from one country to another (Data sources : World Health Organization; Tools: GGplot2 from R, Tableau and python).

## Scoring

January 2019

- Identify the clients of a bank at highest risk of closing their account based on their profile by assigning them a score. Perform feature engineering; Apply different Machine Learning models for classification to train the best model with R

## EXPERIENCE

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### Black Knight, Inc.

Maitland, FL

Data Analyst

October 2019 - Present

- Perform analysis and document conversion requirements to translate data sets into standardized formats.
- Work across business units/teams to collect, aggregate, match, consolidate, and confirm data for quality and accuracy.
- May design and/or develop and ensure the quality of specific databases for collection, tracking and reporting of research data.
- Use Strong ad-hoc SQL Query development to proactively identify data issues that need to be fixed and perform detailed data verification and analysis.
- Responsible for the escalation and resolution of data issues

### University of Central Florida

Orlando, FL

Research Assistant Analyst

September 2019- December 2019

- Use web scraping technics with python to gather hotels data on TripAdvisor website
- Data cleaning, Data visualization and exploratory analysis using R
- Regression analysis on hotels profits by using several regression models with R
- Time series analysis on hurricane impacts on southeastern United States economic activities Using SAS and R

### International Business Innovation Association (INBIA)

Orlando, FL

Data Analyst intern

November 2018 – August 2019

- Update Data about both entrepreneurship centers and startup companies using MS Excel and Salesforce.
- Accurately record all required project data within data collection tools or forms
- Establish verbal or written communication with assigned contacts through telephone calls and personalized email outreach.
- Develop Tools like web crawler using python to search additional information.
- Participate in Data pre-processing and first analysis.
- Submit accurate and timely project and performance reports.

### Heifer International Project

Port-au-Prince, Haïti

Data Analyst Officer Intern

November 2016 – February 2017

- Elaborated and updated Monitoring and Evaluation Plan and Result Framework for programs in: Agriculture, Farms and small rural business, for a better management
- Created project monitoring Key Performance Indicator (KPI) matrices on Excel to track progress toward program execution for 10000 beneficiaries
- Led field data collectors' team for evaluation research to guarantee data quality and cost efficiency of surveys
- Designed and implemented projects assessment: Farmers Capacity assessment, project impact assessment, Baseline assessment, to support project management staff
- Processed and analyzed program data (hypothesis testing, data modeling, machine learning) with Excel and SPSS for monthly reports on projects progress and project assessment reports