

Jingan Qu

Data Scientist

Miami, FL - Email me on Indeed: [indeed.com/r/Jingan-Qu/6c34ed1536204d3f](https://www.indeed.com/r/Jingan-Qu/6c34ed1536204d3f)

4+ years working experience in data science or data analytics
Understanding problems in real world and building data-driven solutions
Extensive background knowledge in Statistics, Data Science and Computer Science
Project experience in fields such as malware detection, big data, natural language processing, time series, recommendation system, deep learning
Good team player and able to work with deadline-oriented
Willing to relocate: Anywhere
Sponsorship required to work in the US

WORK EXPERIENCE

Data Scientist

FIU Applied Research Center - Miami, FL - September 2016 to Present

Provided technical leadership in a team that designed and developed analysis systems for malware detection from large scale data (system call traces)

Implemented analytics and visualization components for malware detection platform

Models I used: Tree-based Model (Decision Tree, Random Forests, Gradient Boosting),

Support Vector Machine, Logistic Regression, KNN, Naive Bayes, K-Means, TF-IDF

Techniques I used: Python (Numpy, Pandas, Scipy, Scikit-learn, Matplotlib, Pyodbc), R server, SQL server

Statistical Consultant

Florida International University - Miami, FL - September 2013 to September 2016

Explained complex statistical ideas to non-statisticians

Performed data cleaning, experimental design, factor analysis, hypothesis testing and statistical models building using R and SPSS for our clients

Mechanical Engineer

Bombardier Transportation Ltd - June 2010 to December 2011

Designed mechanical models the using AutoCAD and SolidWorks

Programming Skills & Tools

EDUCATION

Master in Computer Science in Computer Science

Florida International University - Miami, FL

2015 to 2017

Master in Statistics in Statistics

Florida International University - Miami, FL

2013 to 2015

Bachelor in Vehicle Engineering in Vehicle Engineering

Southwest Jiaotong University
2006 to 2010

LINKS

<http://github.com/qja0428>