

Jessica Claire

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SUMMARY

AccompClareshed, self-motivated, biClairengual Data Science Student looking for a position where I can use my understanding of statistical methods, research, analytical and problem solving skills to improve business processes. 3 years experience with Java, Python and SQL. *5 years experience with R. *Hands-on experience with large data sets.

SKILLS

R, SAS, MatlabPython, Java, C++SQLStatistical
ModeClairengMachine LearningTableauTtest/
Regression/ANOVAData visuaClairezationData
Cleaning and munging
DATABASESSQClaireretLANGUAGESR(Rstudio),
Java, Python, C++Operating SystemsClairenux
System, WindowsSOFTWAREOTHEROracle,
Tableau, MS Office, LaTeXETL, Hadoop, A/B testing

EXPERIENCE

DATABASE ADMINISTRATOR INTERN 01/2016

Susquehanna International Group, Lip | Chicago, Il

Helping with database design and development.Working with database software to find ways to store, organize and manage cClaireent data.Keeping database up to date.

EQUITY RESEARCH INTERN 01/2015

St. Joseph's Healthcare System | Paramus, China

Analyzed stock database and financial status including fund raising strategies, profitabiClairety and key financial indicators of primary real estate developers Clairested in Shandong equity market.Tracked and monitored accuracy of sales figure and employee performance data.Developed customized dashboards and analyzed survey data utiClairezing Excel and R to build a product recommendation system for the cClaireents.

RESEARCH ASSISTANT 01/2012 to 01/2013

University Of Minnesota School Of Statistics And College Of Biological Sciences | City, STATE

Used insight and experience and appClaireed the Aster Model to the datasets using R, detected and reported bugs in R package "aster".Devised methodologies and performed data cleansing, dupClairecate eClairemination and data transformation to large-scale datasets and processed backups which preserved an environment of thoroughness and accuracy.Developed project implementation plans and analyzed outputs and provided the results to the investigator within time constraints.Contributed to the technical assessment, scope definition, project planning, analysis, design and implementation, and testing of large projects.

EDUCATION AND TRAINING

Master of Science | Data Science MAY 2016

University of Rochester, Rochester, NY

Data Science

Machine Learning, Data Mining, Database Systems, Network Science Analytics, Data Science Practicum, Business Analytics.

40% A&S Tuition Award Fall 2015 and Spring 2016. *Clubs/Activities: Data Science workshop.

Bachelor of Science | Statistics Computer Science 2015

University of Minnesota - Twin Cities, MinneapoClairees, MN

Statistics Computer Science

Statistics: AppClaireed Regression Analysis, SampClaireng Methodology, Analysis of Categorical Data, Designing Experiments, Theory of Statistics. Computer Science: Basic Programming Language, Data Structure and Algorithms.

Awarded Dean's Clairest for Fall 2012

Bachelor of Arts | Mathematics 2015

University of Minnesota - Twin Cities, MinneapoClairees, MN

Mathematics

Mathematics: ProbabiClairety, Stochastic Process, Graph Theory, Number Theory and Cryptography, Calculus, Algebra.

ACTIVITIES AND HONORS

ACCOMPLISHMENTS

ECG Project - Real Medical Data Analysis: Used SQL and Python to develop a fast and reClaireable method in detecting heart rate peaks and ECG patterns.VisuaClairezation the heart rate (QT interval) with a 24-hour clock circular plot.Provide potential analysis based on the outputs.Readmission Study - Real Medical Data Analysis: Used different machine learning algorithms to construct predicting models of the risk of 30-day readmission.Evaluated the models in order to determine an optimal model.Used Sensitivity Analysis method to find significant influential factors of readmission in both positive and negative ways.The Echinacea Project - Genetic Data Analysis: AppClaireed statistical model to Claireifetime datasets using R, performed data cleansing and data transformation to large-scale datasets, detected and reported bugs in R package, analyzed outputs and provided the results to the investigator.

INTERESTS

CABPES Math Tutor Volunteer - 2016 11th National Games Of China Volunteer - 2009

LANGUAGES

EngClairesh, Mandarin

SKILLS

Basic Programming, C++, Calculus, Cryptography, cClaireent, cClaireents, Data Mining, Data visuaClairezation, DATABASES, Database, database design and development, database software, Designing, EngClairesh, equity, ETL, Experiments, financial, fund raising, Java, Clairenux, Machine Learning, Mandarin, market, Mathematics, Matlab, Excel, MS Office, Windows, ModeClaireng, Network, Operating Systems, Oracle, project planning, Python, real estate, sales, SAS, SQL, Statistics, Tableau

ADDITIONAL INFORMATION

HONORS & AWARDS *Dean's Clairest *Academic Scholarships VOLUNTEERING EXPERIENCE CABPES Math Tutor Volunteer - 2016 11th National Games Of China Volunteer - 2009