

# Jessica Claire

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SUMMARY	AccompClaireshed, 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 DATABASESSESSQClarieTeLANGUAGESR(Rstudio), Java, Python, C++Operating SystemsClairenx System, WindowsSOFTWAREOTHEROracle, Tableau, MS Office, LaTexETL, Hadoop, A/B testing
EXPERIENCE	<b>DATABASE ADMINISTRATOR INTERN</b> <span style="float: right;">01/2016</span> <b>Susquehanna International Group, Lip   Chicago, IL</b> 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. <b>EQUITY RESEARCH INTERN</b> <span style="float: right;">01/2015</span> <b>St. Joseph's Healthcare System   Paramus, China</b> 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 utiClairez Excel and R to build a product recommendation system for the cClaireents. <b>RESEARCH ASSISTANT</b> <span style="float: right;">01/2012 to 01/2013</span> <b>University Of Minnesota School Of Statistics And College Of Biological Sciences   City, STATE</b> 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	<b>Master of Science</b>   Data Science <span style="float: right;">MAY 2016</span> <b>University of Rochester, Rochester, NY</b> Data Science <b>Mchine Learning, Data Mining, Database Systems, Network Science Analytics, Data Science Practicum, Business Analytics.</b> 40% A&S Tuition Award Fall 2015 and Spring 2016. *Clubs/Activities: Data Science workshop. <b>Bachelor of Science</b>   Statistics Computer Science <span style="float: right;">2015</span> <b>University of Minnesota - Twin Cities, MinneapoClaires, MN</b> Statistics Computer Science <b>Stistics: AppClaireed Regression Analysis, SampClaireng Methodology, Analysis of Categorical Data, Designing Experiments, Theory of Statistics. Computer Science: Basic Programming Language, Data Structure and Algorithms.</b> Awarded Dean's Clairest for Fall 2012 <b>Bachelor of Arts</b>   Mathematics <span style="float: right;">2015</span> <b>University of Minnesota - Twin Cities, MinneapoClaires, MN</b> Mathematics <b>Mathematics: ProbabiClairety, Stochastic Process, Graph Theory, Number Theory and Cryptography, Calculus, Algebra.</b>
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. VisuaClairez 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 Claireftime 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	EngClaresh, Mandarin
SKILLS	Basic Programming, C++, Calculus, Cryptography, cClaireent, cClaireents, Data Mining, Data visuaClairezation, DATABASES, Database, database design and development, database software, Designing, EngClaresh, equity, ETL, Experiments, financial, fund raising, Java, Clairenx, 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