

# Jessica Claire

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## SUMMARY

Certified data analyst and an SQL developer with 3+ years of hands-on experience handling all aspects of the design, creation, and maintenance of developing SQL databases while writing applications to interface with them.

- knowledge of AWS technologies, such as VPC, EC2, RDS
- Experience in writing and debugging bash scripts
- Comfortable reading and understanding code written in Python, VBA, and JavaScript
- Well verse with design and development of presentation layer for web applications using technologies like HTML, CSS and JavaScript
- Comfortable with Flask web development and dashboarding for visualization
- Well familiar with CNN model for image recognition and more
- Comfortable with Spark and Scala programming language for big data
- Proficient on developing and implementing predictive models using natural languages processing Techniques and machine learning algorithms such as Linear Regression, Multivariable regression, K-mean clustering, Naïve Bayes, Random Forest and Decision Tree, KNN, PCA and regularization for data Analysis
- Expertise scripting and automating repetitive tasks with Python
- Excellent communication and interpersonal skills, self-motivated, quick learner, determined to learn Technical Skills and new technologies, strong troubleshooting skills with excellent interpersonal and teamwork skills.

## SKILLS

- Data analysis & visualization, Math, Data structure & Algorithms, Relational Database, EC2 AWS, ETL, SSRS, SSIS, ORM, Object Oriented Programming , Agile/Scrum Methodology, RDMS Development and SQL, Web Programming, Machine Learning & AI,PySpark, Scala
- Programming Languages: Python, JavaScript, R , MSSQL, PL/SQL
- Operating system: Linux, Microsoft Windows, macOS
- Framework: Flask

## EXPERIENCE

- 06/2019 to Current    **Part-time Programming Instructor (Python, SQL,...)**  
**Keiser University** – Pembroke Pines, FL
- Utilized Slack to inform students of course requirements, evaluation procedures and attendance requirements.
  - Performed assessments focused on long and short-term student needs to develop individualized education program.
  - Established objectives for lessons, modules and projects.
  - Observed and evaluated student performance and development and provided appropriate feedback on work .
- 08/2017 to Current    **Mathematics Instructor**  
**Servicetitan** – Columbus, OH
- Collaborated with parents and teachers to determine student needs, develop tutoring plans and assess student progress.
  - Assessed students for math anxiety disorders and provided appropriate recommendations for support.
  - Designed individual tutoring plans for students of different levels.
  - Utilized positive reinforcement techniques to encourage and motivate students.
  - Coached students through challenging material with positive reinforcement and encouragement.
  - Developed handouts, study materials and quizzes.
  - Tutored freshmen in college-level math courses, coordinating tutoring hours with lab instructors and teachers.
  - Established high level of proficiency advanced math concepts.
- 02/2020 to 10/2022    **Junior SQL Developer**  
**Cigna** – City, STATE
- SSMS, T-SQL,PL/SQL, Python , JIRA, Visual C++, SPRING, SOAP, REST, Hibernate
- Developed, deployed and monitored SSIS Packages for new ETL Processes.
  - Creating ,updating, and deploying quality T-SQL codes, stored procedures, views, functions, triggers and jobs
  - Updating and enforcing security procedures assuring 15% less breach risk
  - Tested databases and performed bug fixes.
  - resolve program architecture issues and reduce support requests by more than 30%
  - Normalized 3 databases which helped reducing duplicate data, significantly improving marketing segmentation, and enhancing performance and metrics by more than 90%
  - Maintenance and support of SQL server Mirroring, Log shipping, Clustering, and other methods of disaster recovery
  - Working with business stakeholders, application developers, and production teams and across functional units to identify business needs and discuss solution options.
  - · Designed and developed and maintaining SSRS reports in TFS and VS based on BRD documents and Stored procedures and deploying all reports to PPMO environment .
  - Developing highly efficient algorithms in C++ through both pair-programming and independent work
  - The algorithms improved inventory management benchmarks 18 percent
  - Updating status on work through JIRA.
- 03/2016 to 03/2019    **Python Data Analyst**  
**Johnson & Johnson** – City, STATE
- Implemented Python scripts to automatically sync data between different storage server depending on current available space and remote location. reduce data processing time by 60%
  - Conducted data analysis with pandas, numpy, and sklearn to prepare forecasts and identify trends.
  - Recommended metrics and models based on observed trends.
  - Partnered with data scientists to support ongoing research and analytics initiatives.
  - used sqlalchemy and flask for web dashboarding first lifecycle
  - using flask to jsonify the data retrieved from the sql database
  - Synthesized business intelligence or trend data to support recommendations for action.
  - Analyzed competitive market strategies through related product, market or share trends.

## EDUCATION AND TRAINING

- 11/2018                    **Associate of Science: Computer And Information Sciences**  
**Houston Community College** - Houston, TX
- 08/2012                    **Bachelor of Science: Mathematics**  
**Marien Nguoabi University** - Congo

## ACTIVITIES AND HONORS

- Sustainable Environment Awareness (SEA)
- Member of the phi theta kappa Honor society

## CERTIFICATIONS

- Data Analysis & Visualization, Rice University - 2020

## WEBSITES, PORTFOLIOS, PROFILES

- <https://koud-Jessica.github.io>

## LANGUAGES

<b>English:</b>	<b>French:</b>
<b>Negotiated:</b>	<b>Negotiated:</b>
<b>Spanish:</b>	
<b>Negotiated:</b>	