

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 Ngouabi 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

English:

Negotiated:

French:

Negotiated:

Spanish:

Negotiated: