



# John Smith

Data Engineer

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PLACE OF BIRTH San Antonio

## 01 PROFILE

*Dedicated Data Engineer with 5+ years' experience dealing with large datasets. Eager to build robust databases that lay the groundwork for game-changing insights at LionHeart Algorithm LLC. Implemented natural language processing tools to ensure machine-readable databases were ready for the team of data scientists.*

## 02 EMPLOYMENT HISTORY

Jan 2018 — Dec 2020  
Nong Phai

### Data Engineer at FNB

*Responsible for scaling machine learning models and making these models fit within banking environments with the sci-kit-learn, Tensorflow, and Keras, also adapting these models/architectures created by data scientists to fit in with the UX and the UI of the brand.*

- Translated business propositions into quantitative queries and organized the necessary data.
- Developed scalable databases capable of ETL processes using SQL and Spark.
- Estimated the workflow and increase the efficiency of data pipelines that process over 60 TB of data daily.
- Utilized MongoDB to create NoSQL databases that collect data from a variety of sources.
- Involved in creating tables, join conditions, partitioning tables, correlated subqueries, views, sequences, nested queries, and synonyms for business application development.

Jan 2015 — Dec 2017  
Washington

### Data Engineer at ABSA

*Responsible for developing database triggers, packages, functions, and stored procedures using PL/SQL and maintain the scripts for various data feeds across multiple regional and international offices of the company*

- Co-develop a SQL server database system to maximize performance benefits for clientele.
- Assisted senior-level Data Scientists in the design of ETL processes, including SSIS packages.

- Developed coherent Logical Data Models that helped guide important client business decisions.
- Collaborate and coordinate with development teams to deploy data quality solutions and create and maintain standard operating procedure documentation.

### 03 EDUCATION

Jan 2021 — Jan 2021  
Austin

#### Texas University

BS, Computer Science

- Dual concentration Machine Learning,
- Received a Business Foundations Certificate
- Part of the winning team for the 2016 Longhorn.

### 04 SKILLS

SQL



Hadoop



Java



Python



Apache Spark



Coding



### 05 COURSES

Jan 2021 — Jan 2021

#### CCA Cloudera Certified Associate at Cloudera, Online.

### 06 LANGUAGES

English



German



### 07 ACHIEVEMENTS

- Developed a data pipeline with Delta Lake that led to process optimization and a corresponding revenue increase of 21%.
- Successfully figured out ETL issue while following PL/SQL best practices that resulted in an insight that increased the client's customer base by 37%.

### 08 HOBBIES

Cycling, Songwriting, Running