



ZB

ZACHARY BLOSS

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SKILLS

Python

- Tensorflow - Keras
- Pandas
- Machine Learning
- Seaborn
- Plotly/Dash

R

- dplyr
- ggplot2
- caret

Blockchain

- Hyperledger Fabric

Data

- Microsoft SQL
- Hive 2.0
- Zeppelin

Visualization Software

- Power BI
- Tableau
- Adobe Analytics
- KNIME

Web

- Django
- Javascipt – NodeJS, VueJS

CERTIFICATIONS

- Python for Data Science and Machine Learning
- Data Science and Machine Learning in R
- Statistics for Business Analytics A-Z
- IBM – Blockchain Essentials

EXPERIENCE

BUSINESS METRICS ANALYST

QUICKEN LOANS • 08/2018 – PRESENT

- Was the first to utilize Python scripting and automation to pull client survey data from an external an API, improving visibility into our client's experience for senior leadership.
- Was the sole analyst tasked with overhauling the data structure and visibility into all client interactions to drive process improvements with executive leadership.
- Validated team member efficiencies after a major staffing change and realigned goals to fit business needs by creating an XGBoost Model.

DATA ANALYST INTERNSHIP

QUICKEN LOANS • 05/2018 – 08/2018

- Trained a team of 30 Data Analysts in Python.
- Identified and visualized bottlenecks and dead-zones within the company driving process improvements within the company.
- Automated daily escalation reports using Python.

OFFICE SUPERVISOR

THE WHSE, LLC. ISO:9001 • 10/2012 TO 05/2018

- Ensured integrity of EDI/ASN data with Ford Motor Co., FCA., and General Motors with an industry leading sub-1% rejection rate.
- Coordinated shipments and deliveries of trans-national containers.
- Training and managing a team of 6-10 workers, ensuring proper ISO:9001 procedure.

EDUCATION

MS DATA ANALYTICS - BUSINESS ANALYTICS CONCENTRATION

EXP 12/2019 • PENNSYLVANIA STATE UNIVERSITY

Focusing my coursework on advanced data mining techniques and how to leverage them to help my business succeed.

BS MATHEMATICS

12/2016 • EASTERN MICHIGAN UNIVERSITY

- NHL Team Analytics project with Autonomous Updates & 5-year Forecasting.
- Managed Google AdWords campaign for local Non-Profit increasing direct traffic conversion by 63%.