Aaron Glover

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EDUCATION

TEXAS A&M UNIVERSITY
Masters of Analytics candidate
Spring 2017

UNIVERSITY OF N. TEXAS
BS in Information Systems
Dec 2011 | Denton, TX
Overall GPA: 3.5 / 4.0
Major GPA: 4.0 / 4.0

LINKS

Github:// **aglove2189**
LinkedIn:// **aglove2189**

TECHNICAL SKILLS

Analytics
Statistics
Machine Learning
Visualization & Reporting
Python
Data Management
Database Design
Data Warehouse Design
ETL
Enterprise Architecture
Business Intelligence

CODE & PLATFORMS

Adept
SQL • SSRS • SSAS (Tabular)
Spotfire • SQL Server • Oracle
Python • Jupyter • Pandas
Competent
R • SAS • VBA

ONGOING EDUCATION

- Brown University's Exploring Neural Data course – 2015
- ITIL Foundation Certification – 2014
- Rice University's Interactive Python course – 2014
- John Hopkin's Computing for Data Analysis course – 2014
- Andrew Ng's Machine Learning course – 2013

ABOUT

Hacker by nature, analytically minded by trade. Solving complex problems with elegant and simple solutions is always the desired outcome. Solid capabilities in statistical analysis, data engineering, reporting, and developing data products. Proven track record for delivering projects early with limited resources. Translates dry analysis and technical solutions into insightful dialogue.

EXPERIENCE

OXY | IT – Data Analytics & Reporting
January 2012 – Current | Houston, TX

- Built a gradient boosting regression model for accurately predicting the likelihood of ESP well failures.
- Built a logistic regression model for predicting the likelihood of IT tickets breaching their SLAs. The model is 87% accurate.
- Developed a Monte Carlo simulation to calculate the optimal number of rigs in a field needed. This simulation was ran in every domestic field and a cost savings of over $500,000 dollars was realized.
- Introduced SSAS cubes to Oxy by designing and building cubes centered around operational and well servicing data. Data retrieval and query times reduced thousandfold.
- Developed and deployed over 350 SSRS and Spotfire reports to production over the course of 2 years.
- Implemented the first graph database at Oxy for visualizing relationships between key data points. Visualization of complex data flows simplified the understanding of how data moves throughout the organization's systems.
- Developed a KPI monitoring process for major IT projects. Multiple systems across the organization were pulled and merged to create an automated monthly report. This process increased transparency of information and simplified its delivery to key stakeholders.
- Completely automated the process of delivering partner reports. This eliminated 80% of an employee's workload. They were later promoted to a new position within the organization.

PERSONAL PROJECTS

- Developed a personal dashboard to track numerous data points using Python and Tornado.
- Developed a traffic logging system that sends an email once traffic hits a certain threshold.
- Wrote a web scraper for pulling any US weather data publicly available.
- Created a financial forecasting tool to determine youngest age possible to reach financial independence.
- Built an email server from scratch using: AWS EC2, Red Hat, and iRedMail.