

Aaron Glover

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EDUCATION

TEXAS A&M UNIVERSITY

Masters of Analytics candidate
Spring 2017

UNIVERSITY OF NORTH 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](#)

SKILLS

Data Analytics

Visualization & Reporting

Python

Data Management

Database & Data Warehouse Design

ETL

Enterprise Architecture

Business Intelligence

CODE & PLATFORMS

Adept

SQL • SSRS • SSAS (Tabular)

Spotfire • SQL Server • Oracle

Competent

Python • NumPy • SciPy • Pandas

IPython • Spyder • HTML & CSS

VBA • Java • Windows & Unix

Familiar

SSIS • R • Octave

JavaScript • JSP • VB

ONGOING EDUCATION

- NSA 4012 Security Certification – 2011
- Andrew Ng's Machine Learning course – 2013
- Rice University's Interactive Python course – 2014
- John Hopkin's Computing for Data Analysis course – 2014
- Brown University's Exploring Neural Data course – 2015

ABOUT

Hacker by nature, analytical minded by trade. I enjoy solving complex problems with elegant and simple solutions. My favorite problems to solve revolve around data science subject matters (collecting, collating, and analyzing data, statistics, and machine learning).

EXPERIENCE

OXY | IT – Data Analytics & Reporting

July 2011 – Current | Houston, TX

- Developing and maintaining reporting solutions (SSRS, Spotfire, Access, Excel).
- Streamlining processes for capturing, processing, cleaning, and reporting on data (Oracle, SQL Server, ETL, SSAS/SSIS, Python, and more).
- Supporting drilling and well servicing applications.
- Supporting and maintaining data stores and data warehouses.
- Developing and maintaining data cubes (SSAS Tabular).
- Creating dashboards for reporting, analysis, and performance improvements (Spotfire, Sharepoint).

NOTABLE PROJECTS

PROFESSIONAL

- Developed a Monte Carlo simulation with automatic distribution fitting on multiple data inputs to calculate the optimal number of rigs in a field needed.
- Introduced tabular cubes at Oxy by building multiple cubes centered around operational and well servicing data. Drastic improvement in data retrieval and query times (>1,000x).
- Developed and deployed over 350 SSRS and Spotfire reports to production over the course of 2 years.
- Implemented first graph database at Oxy for visualizing relationships between key data points across the organization.
- Developed a KPI monitoring process for major IT projects throughout the company to notify stakeholders of progress. Multiple systems across the organization were pulled and merged to create an automated monthly report.

PERSONAL

- Built an email server from scratch using: AWS EC2 + Red Hat + iRedMail.
- Developed a Google Chrome extension that displays a random image and quote when opening a new tab.
- Wrote a simple web scraper in Python for pulling US weather data.
- Created a financial forecasting tool to determine youngest age possible to reach financial independence.