Bryan Eaton

https://www.linkedin.com/in/bryanmeaton/

Email : bryan.eaton77@gmail.com

Mobile : +1-352-578-1242

EDUCATION

- **Stephen F. Austin State University** — Nacogdoches, TX
  Bacholor of Science in Environmental Science — *Dec. 2002*

EXPERIENCE

- **Oak Ridge National Laboratory** — Oak Ridge, TN
  Data Engineer — *Oct 2018 - Present*
  - **ActiveMQ**: Apache ActiveMQ is an open source message broker primarily used for sending messages between applications. Worked on writing message clients for an application centered around JMS messaging.
  - **Apache Beam**: PostgresSQL is an advanced open source database with a strong reputation for proven reliability and a proven architecture. I utilize the excellent JSON features as well as PostGIS for storing geographic features and message data from the JMS.

- **Covenant Transport** — Chattanooga, TN
  SAP Developer — *Jan 2014 - April 2018*
  - **SAP Design Studio**: Designed focused universes and interactive BI dashboards using SAP Information Design Tool and Design Studio.
  - **Apache Airflow**: Used Airflow to extract data from Excel docs with the help of Python Pandas and to integrate this data with parallel Data Services jobs
  - **Data Warehousing**: Setup, schema design and management of Data Marts with SQL Server. SAP Data Services integration for daily ETL injection into SQL Server.
  - **Python Flask**: Wrote Restful API's using Python's Flask framework detailing ETL job status, abandoned most of this once i discovered Airflow.

- **City of Chattanooga** — Chattanooga, TN
  Programmer — *2013*
  - **Java**: Re-wrote existing VB6 programs into more maintainable Java code, switched code repo from Visual Source Safe to a Git repository.

- **Freese and Nichols** — Fort Worth, TX
  GIS Developer — *Jan 2005 - April 2013*
  - **Research Assistant - Machine Learning**: Research on machine learning for portfolio hedging and replication algorithms. Modeling low-risk & continuous-return strategies. Developed the python library QSTK.
  - **ESRI ArcGIS**: Provided GIS enterprise database (SDE) development and analysis including thematic map creation, data conversion, image rectification and temporal/3D animation.
  - **Python ArcPy and ArcObjects**: Developed ArcGIS toolboxes, python scripts, ArcObjects tools, and ESRI geoprocessing models for common GIS and SDE workflows.

PROGRAMMING SKILLS

- **Languages**: Python, Java, Javascript, C♯, SQL   **Technologies**: ActiveMQ, Flask, Airflow, Vagrant, Docker