

# MATT BOEGNER

## DATA ENGINEER



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### OVERVIEW

Data Engineer with varied experience in cloud services and a demonstrated ability to guide teams through complexity while streamlining large-scale technical implementations.

### Certifications



AWS Certified Solutions Architect – Associate, 2017



CompTIA Network+, 2016  
CompTIA Security+, 2016

### Skills & Expertise

AWS (Redshift, Kinesis/Firehose, S3, DynamoDB, EMR, SQS)

Snowflake Computing

Apache Airflow | Matillion ETL

Agile Methodology

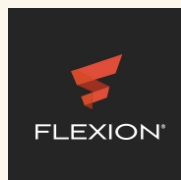
Google Cloud Platform (BigQuery, Firebase)

SQL | PostgreSQL | MySQL

Python | Git | Looker

Data Warehousing

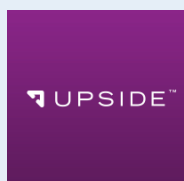
### Professional Experience



#### Senior Data Engineer | November 2018 - Present

Freelance, remote consultant. Primary engagement is an end-to-end data system implementation in the healthcare industry.

- Developing data pipelines using Python and Apache Airflow
- Designing and constructing a data warehouse on AWS Redshift
- Creating an alerting/data monitoring framework via Python, Splunk, and Slack



#### Lead Data Engineer | March 2018 – September 2018

#### Data Engineer | June 2017 – March 2018

- Built robust data infrastructure for a startup travel company, integrating sources such as website, mobile app, and marketing data streams
- Developed an accessible platform for analytics and data science applications, relied on for most day-to-day operational decision-making

#### Engineering Spotlight

- Migrated Upside's data warehouse from Redshift to Snowflake Computing in less than two weeks, saving over \$20,000 per month while improving performance [\[Read the Blog Post\]](#)

#### Architecture Spotlight

- Served as the company's primary data architect, refactoring databases to align with a microservices architecture and increasing the speed of feature development

#### Data Science Spotlight

- Collaborated with data analysts to create self-service BI dashboards, capturing key growth metrics and conducting custom A/B testing



#### Consultant, ETL Developer | September 2014 - November 2016

- Developed custom ETL tools for a large-scale data warehouse implementation for a manufacturing client
- Created web-based reports to inform business decisions with near real-time manufacturing data
- Streamlined cross-functional communication, proposed and rolled out Slack platform to all ~70 project members

### Education



#### B.S. in Systems Engineering, Minor: Engineering Business

- President - International Council on Systems Engineering at U.Va. (INCOSE)
- Founder of Zero-Waste Athletics, a multi-year sustainability initiative with over 17,500 total attendees

### Projects & Interests

**mattboegner.com** Personal and professional website with tech, travel, and policy commentary  
**Estonian e-Resident** | Location-independent access to EU company formation and banking services