

# 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 complex technical implementations.

### Certifications



AWS Certified Solutions Architect – Associate, 2017



CompTIA Network+, 2016

CompTIA Security+, 2016



Certified Scrum Master, 2018

### Skills & Expertise

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

Snowflake Computing

Apache Airflow | Matillion ETL

Agile Methodology

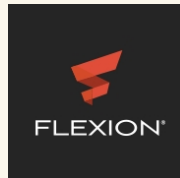
Google Cloud Platform (BigQuery, Firebase)

SQL | PostgreSQL | MySQL

Python | Git | Looker

Data Warehousing

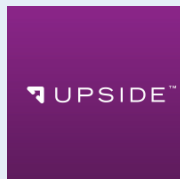
## Professional Experience



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

Project: End-to-end data warehouse implementation in the healthcare industry.

- Develop data pipelines using Python and Apache Airflow
- Design and construct a data warehouse on AWS Redshift
- Create an alerting/data monitoring framework via Python, Splunk, and Slack
- Collaborate with a fully remote development team to meet ambitious deadlines



### 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 which was 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 system performance [[Read the Blog Post](#)]

#### Architecture Spotlight

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

#### Data Science Spotlight

- Partner with data analysts to create self-service BI dashboards, captured key growth metrics, and facilitated 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 by proposing and introducing 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