

CHRIS FU

Data Engineer

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Dallas, TX



EXPERIENCE

Data Engineer

American Airlines

Jan 2020 – Ongoing

Fort Worth, TX

- Develop a object-oriented python script to automate incident generations
- Integrate Moogsoft AIOps to current monitoring system
- Re-design and develop ingestion pipelines from on-prem to cloud
- Developed a script to ingest AVRO files and flatten JSON records to a readable format

Data Analyst

Bell Textron

Jan 2019 – Jan 2020

Fort Worth, TX

- Generated SQL data tables to track customer component data
- Developed a component forecast to estimate next helicopter service
- Developed a Python script to transcribe PDF component reports to data tables

Data Analyst Intern

InterContinental Hotels Group

Jun 2018 – Aug 2018

Atlanta, GA

- Utilized Python on client account data worth over 2GB to provide behavioral analysis
- Provided insight on the current revenue landscape and the opportunity to capture an extra 20% revenue of the North American region
- Built a Python script using Google Maps API to pull in geographical data by city-state pair

Data Analyst Co-op

Delta Air Lines

Aug 2016 – Aug 2017

Atlanta, GA

Data Analyst Co-op

Kimberly-Clark Corporation

Jan 2016 – July 2016

Neenah, WI

PROJECTS

Comparing Grocery Prices

- Building Python program to compare prices across different grocers
- Using Selenium and BeautifulSoup packages to web-scrape and clean
- Designing the script through OOP best practices

EDUCATION

B.S. in Industrial & Sys Engineering

Georgia Institute of Technology

May 2015 – Dec 2018

- Concentration: Quality & Statistics

CERTIFICATES

Analytics: Essential Tools and Methods

May 2020

LANGUAGES

Python

R

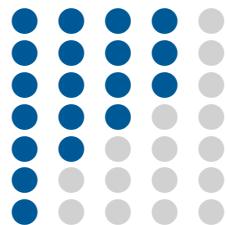
SQL

Java

HTML & CSS

JavaScript

D3.js



DATA ENGINEERING

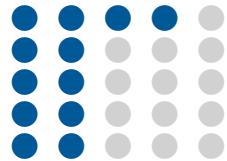
Spark

Airflow

Docker

Hadoop

Pig



PROGRAMS & TOOLS

Github

Jupyter

S3 Browser

Tableau

OpenRefine

Rally

Teradata

SAS

Photoshop

Microsoft Office Suite

Azure Databricks

IBM Cloud

AWS

DE CONCEPTS

Pipelines

Extract

Transform

Load

Backfilling

Monitoring

YARN

HDFS