

Michael McKinsey

EDUCATION

TEXAS A&M UNIVERSITY

B.S. IN COMPUTER SCIENCE

Minor in Mathematics

May 2022 | College Station, TX

College of Engineering

GPA: 3.87 / 4.0

COURSEWORK

UNDERGRADUATE

2021 SPRING

Operating Systems

Design & Analysis of Algorithms

Machine Learning

2020 FALL

Intro to Computer Systems

Programming Studio

2020 SPRING

Data Structures & Algorithms

Programming Languages

Computer Organization

2019 FALL

Program Design

Discrete Structures

SKILLS

LANGUAGES

C++ • Python • Java • JavaScript

SQL • HTML • CSS

TOOLS

Apache Airflow • Amundsen

CircleCI • Docker • Elasticsearch

Fivetran • Google Cloud Platform

Git • Github • Heroku • Jira • Neo4j

Snowflake

EXPERIENCE

RIGUP | DATA ENGINEERING TEAM | AMUNDSEN PROJECT

Software Engineering Intern | June 2020 - August 2020

- Deployed, implemented, and tuned data discovery and metadata engine Amundsen.
- Generated usage statistics from Snowflake SQL queries to import as metadata into Amundsen.
- Implemented lineage metadata and Google Storage functionality for Amundsen.
- Utilized Airflow, CircleCI, and GCP Functions to ensure automated deployment and execute runs of Amundsen.
- Worked alongside the Business Intelligence team to identify additional features to implement and metadata to gather in Amundsen.
- Presented the Amundsen project to a wide range of Engineering team members.

TEXAS A&M UNIVERSITY | IT SECURITY OPERATIONS | CAP PROGRAM

Senior Student Security Analyst | September 2019 – June 2020

- Assist to manage and train Junior Student Security Analysts.

Student Security Analyst | January 2019 - September 2019

- Developed Python Scripts to automate understood procedures, develop new alerts, and aggregate information.
- Monitored the TAMU network in real-time through various IDS systems.
- Analyzed a variety of data sources to triage security events.
- Attended weekly trainings regarding a wide range of cybersecurity principles and applications.

ORGANIZATIONS

Aggie Coding Club	2019-Current
Aggie Competitive Programming Club	2019-Current
Google Developer Student Club	2020-Current
Texas A&M Cyber Security Club	2019-2020

LINKS

Website:// michaelmckinsey1.github.io

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