

Michael McKinsey

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EDUCATION

TEXAS A&M UNIVERSITY

B.S. IN COMPUTER SCIENCE

Minor in Mathematics, Minor in Cybersecurity

May 2022 | College Station, TX

College of Engineering

GPA: 3.842 / 4.0

COURSEWORK

UNDERGRADUATE

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

TOOLS

Development/General

Apache Airflow • Amundsen • CircleCI

Docker • Elasticsearch • Fivetran

Google Cloud Platform • Git • Github

Jira • Neo4j • Snowflake

Cybersecurity

ExtraHop • Proofpoint • SiLK • Splunk

Vectra • Wireshark

CERTIFICATIONS & COURSES

ExtraHop Basic User Certification

Splunk Fundamentals 1 & 2

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 – Current

- Assist to manage and train Junior Student Security Analysts.

Student Security Analyst | January 2019 - September 2019

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

ORGANIZATIONS

Texas A&M Cyber Security Club 2019-Current

Aggie Coding Club 2019-Current

Phi Eta Sigma Honor Society 2019-Current

LINKS

Github:// **MichaelMcKinsey1**

LinkedIn:// **michaelmckinsey2000**

CAP Program