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: 3.85 / 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 • HTML • CSS

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
- 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

Github:// **MichaelMcKinsey1**
LinkedIn:// **michaelmckinsey2000**
CAP Program