

Michael McKinsey

EDUCATION

TEXAS A&M UNIVERSITY

M.S. IN COMPUTER SCIENCE
May 2024 | College Station, TX
GPA: 3.6 / 4.0

TEXAS A&M UNIVERSITY

B.S. IN COMPUTER SCIENCE
Minor in Mathematics
May 2022 | College Station, TX
GPA: 3.8 / 4.0

COURSEWORK

GRADUATE

ML

Deep Learning
Deep Reinforcement Learning
Large-scale Optimization for ML

STAT

Distribution Theory
Regression Analysis

CPSC

Theory of Computability

UNDERGRADUATE

CPSC

Machine Learning
Artificial Intelligence
Parallel Computing
Operating Systems
Analysis of Algorithms
Data Structures & Algorithms

MATH

Linear Algebra
Discrete Mathematics
Calculus I-III
Comm. and Cryptography I & II
Differential Equations

STAT

Principles of Statistics

SKILLS

LANGUAGES

Python • C++

TOOLS

AI/ML - PyTorch, OpenAI Gym
Data - Airflow, GCP, NumPy, Pandas, Snowflake, Terraform
HPC - CUDA, MPI
Misc. - Git, Docker, Linux

EXPERIENCE

RESEARCH

LLNL | PAVE | [THICKET](#)

- Graduate Student Intern | January 2022 - Current

ACADEMIC

TEXAS A&M UNIVERSITY | COMPUTER SCIENCE AND ENGINEERING

- Teaching Assistant | August 2022 - December 2022
- Teaching Assistant | August 2023 - December 2023

INDUSTRY

WORKRISE | ENGINEERING ENABLEMENT | [TONIC PROJECT](#)

- Software Engineering Intern | June 2021 - August 2021

WORKRISE | DATA ENGINEERING | [AMUNDSEN PROJECT](#)

- Software Engineering Intern | June 2020 - August 2020

CYBERSECURITY

TEXAS A&M UNIVERSITY | IT SECURITY OPERATIONS | [CAP PROGRAM](#)

- Senior Student Security Analyst | September 2019 – June 2020
- Student Security Analyst | January 2019 - September 2019

PUBLICATIONS

- [1] S. Brink, M. McKinsey, D. Boehme, C. Scully-Allison, I. Lumsden, D. Hawkins, T. Burgess, V. Lama, J. Lüttgau, K. E. Isaacs, M. Taufer, and O. Pearce. Thicket: Seeing the performance experiment forest for the individual run trees. In *Proceedings of the 32nd International Symposium on High-Performance Parallel and Distributed Computing*, HPDC '23, page 281–293, New York, NY, USA, 2023. Association for Computing Machinery.

LINKS

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