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
AI Special Topics (A)
Deep Learning
Deep Reinforcement Learning
Large-scale Optimization for ML
STAT
Distribution Theory
Regression Analysis
CPSC
Computer Architecture (A)
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
Libraries - Pandas
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

RIGUP | 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.

ORGANIZATIONS

Texas A&M Esports	2021-Current
Aggie Coding Club	2019-2020
Aggie Competitive Programming Club	2019-2020
Texas A&M Cyber Security Club	2019-2020

LINKS

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WEBSITE QR CODE