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 - 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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Twitter: MichaelMcKins
Website: michaelmckinsey.net

WEBSITE QR CODE