

Kaleb Dickerson

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<https://prometheus1400.github.io/Website2.0/>

14912 Rose Pavonia Pl

Austin, Texas 78728

OBJECTIVE Junior computer science major seeking an internship in software engineering for summer 2022

EDUCATION **Texas A&M University (TAMU)**, College Station, Texas
Bachelor of Science in Computer Science, May 2023
Minor in Mathematics
Major GPA: 4.0, GPA: 3.95

RELEVANT COURSEWORK Computer Organization Discrete Mathematics Program Design (Lab)
Data Structures and Algorithms Linear Algebra Honors Differential Equations

TECHNICAL SKILLS Python PyTorch C++ Game Design Linux Command Line/Environment
JavaScript/Node Machine Learning/Graph Neural Networks HDL Assembly

RELEVANT EXPERIENCE **Texas A&M University**, College Station, TX
Peer Teacher (8 hours/week), August 2021 – Current

- Peer teacher for 'Introduction to Program Design & Concepts'
- Instructed students on concepts and assignments, and lead lab sessions of 30 students
- Helped students visualize problems by drawing pictures, re-explaining problems in simpler ways, or active demonstrations
- Practiced communication skills and patience, gained experience teaching others

Texas A&M University, College Station, TX
Research Assistant (20 hours/week), June 2021 – Current

- Research assistant under Dr. Shuiwang Ji in machine learning
- Worked in teams of 5 requiring intense collaboration to develop new uses for graph neural networks, designed networks to excel at tasks like 3D geometry prediction for molecules
- Competed in open challenges such as the 2021 KDD Cup hosted by Stanford University
- Acquired experience reading research papers, using PyTorch to implement different deep learning models, and processing extremely large datasets of up to 120 million molecules

WORK EXPERIENCE **Cinemark**, Austin, TX
Usher / Box Office (30 hours/week), May 2018 - July 2019

- Managed a small team of 3-5 ushers
- Kept to a strict cleaning schedule
- Learned responsibility and teamwork

Home Depot, Round Rock, TX
Cashier (20 hours/week), May 2020 - August 2020

- Expedited customer checkout while selling 50,000 different items of inventory
- Gained experience with customer service and following company policies

ACTIVITIES **Mu Alpha Theta ($\mu\alpha\theta$)**, August 2016 - May 2018
Texas A&M Cybersecurity Club, August 2020 - May 2021

SERVICE or HONORS **National Society of Collegiate Scholars**, January 2020 - Current
Dean's Honor Role, Jan 2020, June 2020, Jan 2021, June 2021
Engineering Honors, Jan 2021 - Current