Thomas Nguyen thomas.t.nguyen-5@ou.edu (405) 558-1550

Education

University of Oklahoma, Norman, OK
Bachelor of Science in Computer Science, May 2024

Leadership / Involvement

AT&T Summer Bridge Program, Summer 2020

- Participant: Learned through hands-on experience: the engineering design process, collaboration, and professionalism.

OU Diversity and Inclusion Program, 2020 - Present

- Member: Experienced the importance of diversity, equity, and inclusion in engineering through seminars and group activitties.

OU ME^2 Program, 2020 - Present

- Mentee: Cultivated relationships with upperclassmen engineers to learn about future possibilities and engineering perspectives.

Youth Leadership Exchange: Leadership Skills Class XXV, 2019

- Student: Learned leadership traits through collaborative activities with an emphasis on the Oklahoma City community.

Relevant Classwork

Introduction to Computer Programming
Programming Structures and Abstractions
Diversity and Inclusion Orientation
Linear Algebra

Awards / Honors

AP Scholar with Honor, 2020
Oklahoma Academic Scholar, 2020-Present
Patel Math and Sciences Scholar, 2020-2021
Maples Family Scholar, 2020-2021

Projects

Chess Project: Developed a program in Java that reads a PGN file and isolates king moves made by either player. Learned the principles of abstraction and implementation of ArrayLists.

Hacklahoma 2021: Developed a shell script that takes a Lichess username and outputs their chess ratings for convenience

Rude Goldberg Machine: Worked in a small group to design and build a balloon-popping contraption. Learned collaboration, project management, and the engineering design process. August 2020.

The Application of a Taylor Series Approximation for π in a Related Rates Problem using a Solid of Revolution: How well can Taylor series approximations for π be applied in rates of change of cyclical objects? Under the advisement of Carson Moon: cmoon@okcps.org, May 2020