

Zayne Lumpkin

A passionate, high-performing, senior-class CS student

Dallas, Texas
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in/zaynel

Languages

Skilled: Java, C-family

Proficient: Python, C#,
JavaScript, HTML5, CSS 3,
SQL, Assembly, Lisp

Skills & Familiarities

Git, UNIX, TCP/IP & OSI
networking, databases,
algorithmic design &
analysis, Jira, LaTeX,
Office suite, Adobe suite,
documentation & technical
communications, software
design patterns, computer &
systems architecture, Agile,
electronics & hardware

Certifications & Awards

- National Merit Scholar
- Dean's List
- APMG Foundations of Organizational Behavioral Management Certificate
- AP Scholar with Honors
- National Young Leaders Summit
- Rotary Youth Leadership Awards
- International Baccalaureate Certificate

Memberships

Association for Computing Machinery UTD, Out in STEM, Chamber singers, Student Government, Phi Kappa Phi (Honor Society)

EDUCATION

The University of Texas at Dallas | Richardson, Texas

August 2022–expected graduation in May 2024

M.S. computer science, **GPA: 4.00/4.00**

Early admission, co-enrollment with undergraduate studies through Jonsson School *Fast-Track* Program

The University of Texas at Dallas | Richardson, Texas

August 2020–present, expected graduation in May 2023

B.S. computer science, **GPA: 4.00/4.00**

National Merit Scholars Program, *Fast-Track* Program, Collegium V Honors College, early graduation

EXPERIENCE

TECHNOLOGY COMMITTEE CHAIRMAN

UT Dallas Student Government

May 2022–Present

- Administrating and maintaining a website with over 2,200,000 monthly visitors
- Helping coordinate the largest hackathon in the Central Time zone (HackUTD), with over 1200 expected attendees this year
- Managing a team of five elected representatives which oversee all student interests within the domain of technology, planning and executing large-scale technological events and demonstrations

MACHINE LEARNING RESEARCHER

Association for Computing Machinery Research, UTD chapter

December 2021–May 2022

- Headed a team of four researchers using Python, Flask, TensorFlow, Jupyter Notebooks, & Google Colaboratory to statistically process big data stored in JSON and audio formats
- Implemented a convolutional neural network which gathered, processed, and classified audio samples in a six-month research project.

ENGINEERING & COMPUTER SCIENCE LIAISON | *UTD* | May 2021–May 2022

SERVER | *Sway Thai* | April 2019–January 2022

SHIFT LEAD | *Smoothie King* | March 2018–April 2019

PROJECTS

- Developed a 2D platformer in MIPS assembly with Newtonian kinematics, optimized redraws, and fast collisions, from scratch
- Designed an advanced, flexible, modular arithmetic/logical bottom-up expression parser—ask me about it!
- Created a sudoku solver built on set theory and inductive logic
- Competed in HackUTD 2021 & oSTEM officer