

Matthew Molinar

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EDUCATION

The University of Texas at Austin

Bachelor of Science in Mechanical Engineering, GPA: 3.55/4.00

Austin, TX

2019–2022

- Certificate: Elements of Computing

Lone Star College-Kingwood

Associate of Science, GPA: 3.70/4.00

Houston, TX

2017–2019

- Honors in Research, Cum Laude

SKILLS

- **Programming Languages:** Python, JavaScript, CSS, HTML, MATLAB, LaTeX, exposure to Java.
- **Technologies:** Azure, exposure to MongoDB, Express, React, and Node

RELEVANT COURSEWORK

- Introduction to Programming
- Data Structures and Algorithms

PROJECTS

Spotti, HackTX 2020 (Python, Azure, Web Dev)

Spotti is a employee tracking software that uses

- image recognition via a pre-trained model for both YOLOv5 and Deep Sort to detect and track unique individuals in a field of vision.

Chrome Extension (JavaScript HTML CSS 2020)

Developed a personal chrome extension with a

- classmate that allows easier traversal of the confusing UT intranet, allowing quick access to Canvas, UT Direct, registration and more.

EXTRACURRICULAR

President, Senator

Student Government Association

Houston, TX

2017–2019

- Managing campus re-opening after Hurricane Harvey.
- Spearheaded a movement with college administration that increased enrollment by approximately 1,000 students and raised government members by 55% after the flooding caused by Hurricane Harvey.

National Model United Nations

United Nations Framework on Climate Change

New York City, NY

2018–2019

- Passed technology focused resolution addressing knowledge transfer and climate change with 20+ sponsors.
- Collaborated on resolutions with 125+ two-year and four-year international institutions.

SCHOLARSHIPS AND AWARDS

- Lone Star College-Kingwood Transfer Scholarship 2019–2022
- Hispanic Scholarship Fund Scholar 2019
- Delegation Award at National Model United Nations 2019
- All Texas Academic Team 2019