

Tommy Dong

<https://github.com/translucentleaf> | translucentleaf@protonmail.com | Website: translucentleaf.github.io

EDUCATION

Missouri University of Science and Technology

Graduating May 2022

Bachelor of Science, Computer Science

3.716 GPA

EXPERIENCE AND ACTIVITIES

Multirotor Design Team

Aug 2018 - Current

- Used React.js and Electron framework to design a drone flight controller
- Implemented basic networking features with Node.js
- Created graphical user interface for graphing flight data with Python libraries
- Collaborated with teammates to connect front-end to back-end functionality

ACM - SIG Comp

Oct 2018 - Current

- Worked in groups to solve traditional programming questions within an hour
- Won the 2019 Megaminer AI programming competition with a teammate
 - Competition was hosted by ACM - SIG Game

Student Union Board - Light and Sound

Aug 2018 - Current

- Provided professional audio setups for campus events like movies / concerts
- Troubleshooted audio issues
- Quick setup and teardown of audio equipment

Manager

Aug 2016 - Jul 2018

China King (Restaurant)

St. Louis, MO

- Trained four part-time cashiers on how to operate computer systems
- Troubleshooted issues with computer systems, phone lines, and other technical issues
- Translated for restaurant owner to third parties for various business needs
 - Called for equipment repair, landline issues, etc
- Provided customer service and resolved issues with customer orders
- Served as a fry cook and prepared food for orders

SKILLS

Software

- | | | |
|------------|------------|-----------------------|
| - React.js | - Electron | - HTML/CSS/Javascript |
| - C++ | - Python | |

Art / Design

- | | | |
|-------------------------------|------------------|--------------|
| - Adobe Lightroom / Photoshop | - Adobe Premiere | - Blender 3D |
|-------------------------------|------------------|--------------|

PROJECTS

More information available on my GitHub and translucentleaf.github.io

Drone Action Board

- Desktop application that lets users perform autonomous tasks on Missouri S&T's multirotor drones
- Allows non-software members to utilize custom programmed flight stack

ACT Calculator

- A webapp that lets you calculate how well you need to do for each section of the ACT standardized test
- Shows a history of your calculations to compare scores and lets you delete them too

HOBBIES

Video Production

- Helped create various videos demonstrating the Multirotor Team's capabilities
- Currently collaborating with Multirotor's public relations division to create a promotional video

3D Art/Animation

- Skilled in artwork, architectural visualizations, short animations, and product visualizations