

Thomas G Fan

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EDUCATION

Missouri University of Science and Technology (Missouri S&T) — **GPA: 3.938/ 4.0**

Rolla, MO

B.S. Computer Science

May 2023

- Relevant Courses: Algorithms, Data Structures, Operating Systems, Databases

SLMCS (St.Louis Modern Chinese School) — **Graduation: July 2016**

St.Louis, MO

- Four year diploma with Chinese Fluency Certification
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CLUBS & EXPERIENCE

Wells Fargo Internship

St.Louis, MO

Domain Service Tech Intern

Summer 2021

- Monitored 23 Crown Jewel applications and refined queries, alerts, and transaction snapshots in the wholesale of wealth and investment software.
- Consulted application performance (APM) monitoring tools to oversee database issues and server health.

ACM Competition

Rolla, MO

Competition Team Member

8/13/19 - Present

- Weekly meetings and occasional out-of-campus/on-campus coding competitions.

ACM Web Design — <https://mstacm.org/>

Rolla, MO

Website Development Team Member

8/13/19 - 1/1/2020

- Frontend and backend design on website structure ensuring that the ACM web website is able to function properly. Worked with website formatting, and functionality of payment fees.
- Utilized ReactJS in full web development.

Multirotor Robot Software Design Team

Rolla, MO

Computer Vision Developer

8/13/19 - 1/1/2020

- Designing code for flying autonomous drones in competition with numpy and machine learning in python.
 - Developed drone software able to detect objects from the surrounding background. Blobs and objects were counted by software through color contrast analysis. Assigned with drone blob detection in a subgroup for the Multirotor Robot Design Team drone project.
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SKILLS

Listed in descending order of familiarity

Languages	— C++	Python	Java	Javascript	Golang	C#	
Tools	— Github	Git	Splunk	AppDynamics	HTML	CSS	Vim

PROJECTS

All projects listed below (and many more) on my GitHub

Static Site Generator

5/16/21

- Formulated a command line project using python.
 - Allows for parsing of markdown, restructured text, and resource files.
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HONORS & ACTIVITIES

- Coding Club Officer, Math Contest Club Officer, National Honor Society Officer

8/13/18- 5/23/19