



# Logan Kwonhee Choi

 (573) 578-9980

 [logan-choi](#)

 [loganchoi](#)

 [kwonhee1023@gmail.com](mailto:kwonhee1023@gmail.com)

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## Education

**Missouri University of Science and Technology**

**GPA: 4.0/4.0**

**B.S. Computer Science**

**Graduation:** December 2022

**Key Courses:** Data Structures, Discrete Math, Introduction to Databases, Algorithms, Operating Systems, Numerical Methods, Theory of Computer Science

## Projects

**Mottomo Sushi Website:** (July 2021 – present)

- Developing website for the Mottomo Sushi restaurant
- Utilizing ReactJS and CSS to display restaurant's service hours, the menu, and contact information

**Rolla High School Coding Club:** (May 2021 – present)

- Piloting Rolla High School's coding club
- Implementing the curriculum for 2 Python projects throughout the year to introduce high school students to computer science

**Data Structures' Implementation:** (Aug 2020 – Dec 2020)

- Executed multiple data structures in C++ such as binary search trees, hash maps, linked lists, vectors, maps, and dictionaries
- Utilized valgrind to analyze memory leaks, and wrote unit tests using Catch2 to validate implementation

**Python Playground:** (Aug 2019 - Dec 2019)

- Developed a reusable tic-tac-toe game, word search algorithm, maze solver, and an ascii racer game to be utilized within the computer science class setting

## Organizations & Leadership

**Missouri University of Science and Technology**

**LEAD Tutoring: Tutor & Communications Officer** (Aug 2020 - present)

- Mentoring 90+ students in various subjects such as Python, C++, and Calculus
- Collaborating with professors to plan effective tutoring sessions
- Promoting technical tutoring via social media accounts increasing attendance by 20%

**Asian American Association: Secretary** (Jan 2021 - present)

- Coordinate social charity events to promote inclusivity on campus such as Stop Asian Hate raising \$350+ to donate to the AAPI
- Serve as primary executive member to track attendance and communicate effectively with members on upcoming events.

**Chancellor's Leadership Academy: Member** (Jan 2020 - Nov 2020)

- Developed valuable leadership skills such as communication and attentiveness
- Planned service project for the local animal shelter
- Enhanced public speaking skills and presented on leadership topics such as "how to become an effective role model"

**Mottomo Sushi**

**Manager** (Aug 2018 - present)

- Train and direct 8+ new employees
- Manage the daily exchange of monetary funds
- Oversee 10+ workers in daily tasks

## Skills

**Programming Languages:** Python (Advanced), C++ (Advanced), MatLab (Proficient), Git (Proficient), SQL (Proficient), Java (Beginner), Bash (Beginner)

**Language:** English (Native), Korean (Proficient)

## Honors/Awards

Dean's List, Rolla High School Valedictorian