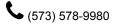
# Logan Kwonhee Choi









## **Education**

Missouri University of Science and Technology

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)

GPA: 4.0/4.0

- 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