

# Chan Lee

Saint Louis, MO

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## EDUCATION

**Washington University in St. Louis, McKelvey Engineering School, St. Louis, MO**

May 2024

*Major in Computer Science*

Cumulative GPA: 3.68 / 4.00, Dean's List: SP2021, FL2021

## WORK EXPERIENCE

**Teaching Assistant | Washington University in St. Louis**

Jan ~ Present 2022

- Taught materials to WashU students for course CSE 132 Introduction to Computer Engineering.
- Actively conducted personal office hours to communicate with students who needed help with the course material including Arduino, Delta-timing, C, and more.

**America Academy Agency | Assistant Consultant**

Jun ~ Aug 2021

- Consulted with undergraduate and graduate students who wanted to find their academic paths in the States.
- Constantly communicated with team members and clients to analyze the clients' strengths and weaknesses.

## PROJECTS

**Active Calendar Website**

March 2022

- Developed an active calendar where it interacts with the users; they can sign up and login with their unique username. Implemented functions such as adding events, editing and deleting events, and viewing events.
- Incorporated JavaScript, PHP, HTML / CSS to store data in a database for each users with the events they have added.

**Open Music Discussion Platform**

Nov ~ Dec 2021

- Incorporated HTML, ExpressJS, and Socket.IO to implement a live chatting platform where users can send messages, create public and private rooms, adapt profile music and images.
- Designed the code to communicate between the front and backend of the server to make the website dynamic.

**Personal Website**

Aug ~ Present

- Created a portfolio website using javascript, HTML, and CSS to introduce who I am and my projects as a Computer Science student. <https://chanlee20.github.io/portfolio/index.html>

**Dynamical Networks and Control on COVID**

Oct ~ Nov 2020

- Incorporated MATLAB code to illustrate SIRD Model
- Implemented the COVID data of the infected population in St. Louis, Kansas, and the rest of Missouri to the SIRD model to analyze the optimal intervention cost

**Airbag Test Trials in Autonomous Vehicles (Personal Project)**

Feb ~ Aug 2018

- Developed a research plan that includes analysis of past experiments of airbags and comparison to the current model of airbag effectiveness on fully autonomous vehicles.

## LEADERSHIP POSITIONS

**Korean International Student Society St. Louis, MO**

Aug 2021 – Present

Internal Affairs

- Created communication opportunities with WashU student organization administrators to negotiate total budget for the club and hosted Korean national holiday events to introduce memorial days to international students.

**UNICEF/UYSC Seoul, South Korea**

Aug 2017 - May 2020

Vice President

- Donated over \$3000 every year to Unicef and UYSC during my tenure as the vice president and constructed shelter for those who do not have economic opportunity

## SKILLS & INTERESTS

*Skills:* Java / Python / HTML / CSS / JavaScript / MySQL / Linux / PHP / C / C++ / MATLAB / Unity / React.JS