

Chan Lee

Saint Louis, MO

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EDUCATION

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

Dec 2023

Major in Computer Science

Cumulative GPA: 3.78 / 4.00, Dean's List: SP2021, FL2021, SP2022

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 user 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/new_portfolio/

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

