Chan Lee

Saint Louis, MO

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EDUCATION

Washington University in St. Louis, McKelvey Engineering School, St. Louis, MO   May 2024
Bachelor of Science in Computer Science Administration
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

Open Music Discussion Platform   Oct 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 front and backend of the server to make the website dynamic and still be simple.

Active Calendar Website   Sep 2021
- 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.

Personal Website   July ~ Present 2021
- Created a personal portfolio website using HTML and CSS. Continuing to update the website.
- 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 Affair
- Created communication opportunities with WashU student organization administrators to negotiate total budget for the club.
- Actively hosted events celebrating Korean traditional days including Korean New Years and Liberation Day.

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 did not have the economic

SKILLS & INTERESTS

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