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

Software Engineer Intern | Sobriety Hubs   Sept 2022 ~ Present
• Utilized ReactJS to improve and develop software service that allows the owners of sober living houses to manage and record their residents' information regarding their rents, medication, and more.
• Garner requests from clients to create unique functionalities such as inviting other users with specific access rights and incorporating smoother payment service for rents.

Software Engineer Intern (Team Leader) | Dogugonggan Robotics   Jun ~ Aug 2022
• Developed a software web that utilizes real time video communication for N to N users by using Kurento media server and WebRTC communication platform.
• Employed NodeJS to allow users to create server pipelines to ensure users have successfully connected their media.

Teaching Assistant | Washington University in St. Louis   Jan ~ May 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.

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.

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 of COVID infected population in St. Louis, Kansas, and the rest of Missouri to the SIRD model to analyze the optimal intervention cost.

LEADERSHIP POSITIONS

WashU Blockchain Society St. Louis, MO   Aug 2022 ~ Present
Lead Developer
• Led the developer team to research, analyze, and code blockchain related projects in order to create a unique transaction system that the whole WashU community is able to flexibly adjust and use.

Korean International Student Society St. Louis, MO   Aug 2021 ~ Present
Secretary
• Hosted Korean national holiday events to introduce memorial days to the WashU community.

SKILLS & INTERESTS

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