Dongwoo Kang

(929) 928 - 0444
kangdo@oregonstate.edu
Corvallis, OR 97333

EDUCATION

Oregon State University   Spring 2024

Honors Bachelor of Science in Computer Science   Corvallis, Oregon
Minor in Finance   United States

Relevant Coursework
- Data structures, Web development, Analysis of Algorithms, Operating system 1, Operating system 2, Software Engineering

PROJECTS

Online Shopping web app   Spring 2021
- Created a group of four to develop a web application for online shopping that allows users to select items and purchase it.

Solar PV Calculator   Summer 2021
- Collaborated with small group to write a program to offer a simple method for calculating the amount of time an off-grid car can run on solar power with a specific set of loads, battery size, and solar array size.
- Deployed Python for the backend, with Flask and Jinja to provide a development web server to view HTML templates and pass data between modules.

Covid-19 Map   Winter 2021
- Coordinated group of 4 to create a web app that displays a map to allow users to get information about the Corona-19 for a specific state.
- Used flask to render html templates and python and javascript for backend development.

Small shell   Spring 2021
- Programmed a shell using the C language.
- Operated Unix process API for signal handling and employed I/O redirection.

SKILLS

- C++, C, Python, CSS, HTML, Java Script
- Strong math skills and problem solving abilities
- Strong leadership, communication, and collaboration skills.

WORK EXPERIENCE

Learning Assistance   Sep 2022 - present

Oregon State University
- Assisted in the facilitation of small group interaction and other activities that leverage on their talents in detecting and addressing student conceptual content issues.
- Learned pedagogical content knowledge.
- Helped students to have better understanding in integral calculus.