

James Kang

Recent University of Oregon graduate
looking for a career as a back end
software engineer



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Programming Experience

C/C++, University of Oregon

Smart Keyboard: Collaborated with two other individuals to make a smart keyboard autofill for the rest of a word and predict the next word in a phrase using trie structure.

Code - https://bitbucket.org/mcampsbe3/cis330_project_group_7/src/master/

Database Process, University of Oregon

Ubers Databases: Individually utilized a fictional Uber dataset to analyze Uber transactions and passengers' experiences. Constructed programming algorithms using SQL and combining PHP and HTML to link to a website.

Code - <https://github.com/JamesKang26/CIS451finalproj>

Machine learning, University of Oregon

Connect-4: Created and trained a neural network that could play connect 4 against other players.

Code - <https://github.com/hewantshiscar/CS472FinalProject>

Artificial Intelligence, University of Oregon

Pac-man: Created multiple different Pac-man solutions using different AI algorithms and compared the results.

Code - <https://github.com/JamesKang26/Pacman/tree/master>

Personal Projects

COVID-19 world tracker Python3 - Created a system which uses data from WHO to track the spread of the disease, displays information onto a map of the world then put that into a video using ffmpeg.

Code - <https://github.com/JamesKang26/Covid19tracker>
Video - (<https://ix.cs.uoregon.edu/~jkang2/movie.mp4>)

Cold Calling Software C++ - Created a system for a teacher who wanted to put in a roster of students and have the application randomly select students and keep track of participation.

Code - <https://github.com/JamesKang26/ColdCallSystem>

Synopsis of Experience

In my undergraduate, I have worked on various software projects with a variety of individuals and groups. I frequently was the project lead, drawing on my experience on managing others at Sushiya. As a project manager, I was in charge of making sure that communication between group member was continuous and accurate. These roles allowed me to develop my communication, organization, and management skills.

Skills

Python: 4 years

C: 3 years

C++: 3 years

SQL: 1 year

HTML/PHP: 1 year

Other skills: fluent in English and Korean.

UNIX, VIM/VM, Xcode, IDLE, PyCharm, mac OS, windows OS

Education

University of Oregon, Eugene, OR, June 2020

Bachelor of Science in Computer Science with
Business minor

Computer Science GPA: 3.34

Work Experience

Sushiya, Restaurant Manager/ Web developer

May 2016 - Present

- Conducted employee interviews, managed hiring process, and trained for new employees.
- Oversaw and scheduled restaurant employee shifts.
- Communicated with third party businesses such as Grubhub and UberEats
- Created/ maintained the full stack development of a website for the restaurants new location (address at bottom)

https://umiyasushieugene.net/?utm_source=gmb&utm_medium=referral