James Kang

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

Education

University of Oregon, Eugene, OR   September 2016 – June 2020
Bachelor of Science in Computer Science and Business minor   GPA: 3.3

Programming Experience

Database Process, University of Oregon
- **Ubers Databases**: Simulated Uber dataset to combine Uber and UberEATS driver pool so drivers had less wait time. Constructed programming algorithms using SQL and combining PHP and HTML to link to a website.

Machine Learning, University of Oregon
- **Connect-4**: Created and trained a neural network that could play connect 4 against other players for a Kaggle competition.

Artificial Intelligence, University of Oregon
- **Pac-man:** Created multiple different Pac-man solutions using different AI algorithms and compared the results.

C/C++, University of Oregon
- **Smart Keyboard**: Collaborated with 2 other individuals to make a smart keyboard featuring filling in the rest of the word and predicting the next word in a phrase using trie structure.

Personal Projects/ Competitions

COVID-19 World Tracker
- Created a system which uses data from WHO to track the spread of the disease over different countries. Displaying information onto a map of the world using red circles based on percentage of the population infected.

Luks Programming Competition
- Tied for 5th with 1/7 problems solved. Out of 15 teams.

Skills

Python: 4 years
C: 3 years
C++: 3 years
SQL: 1 year
HTML/PHP: 1 year
Other skills: fluent in English and Korean.
Familiar with: UNIX, VIM/VM, Xcode, IDLE, PyCharm, mac OS, windows os

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