James Kang

SOFTWARE DEVELOPER · MACHINE LEARNING ENGINEER

☐ 541-221-6780 | ✉ jameskang2357@gmail.com | 🏠 http://thejameskang.com | ⬡ https://github.com/JamesKang26 | in www.linkedin.com/in/james kang

About Me

Programming	C++/C ·	Python ·	Java
Analytics	Jupyter Notebook ·	SQL ·	Excel
Web	React ·	Kotlin ·	HTML/CSS/Javascript

Work Experience

Avant Assessment
Eugene, OR

MACHINE LEARNING ENGINEER — *Feb 2021 - current*

- Designed and developed analysis systems to extract information from large scale data
- Responsible for designing and maintaining an Automated Scoring system
- Used machine learning and statistical modeling techniques to develop and evaluate features and their relevance to improve performance, quality, data management and accuracy
- Filtered hundred of thousands of data records performing data exploratory analysis using interactive Jupiter notebooks using pandas/numpy/matplotlib and presented the findings to the managers
- Instrumental in researching, prototyping, designing, implementing and evaluating machine learning models for the Automatics Essay Scoring System

Avant Assessment
Eugene, OR

SOFTWARE DEVELOPER — *Oct. 2020 - current*

- Implemented RESTful API server for language testing software using React, Kotlin, PSQL, AWS
- Integrated, developed, and deployed software in agile environment
- Created, migrated and edited databases using SQL and AWS
- Implemented end-to-end testing using cypress
- Collaborate with QA and development colleagues to improve the efficiency, effectiveness, and coverage of testing processes

The Nerd Stuff
Springfield, OR

IT TECHNICIAN — *Jun. 2018 - Oct. 2020*

- Provided technical support for clients and end-users through various lines of communication, including phones and live chat support
- Troubleshooting computer software and hardware issues, making repairs and performing scheduled updates
- Walked customers through step-by-step process for troubleshooting hardware issues
- Assisted customers with antivirus program installations and virus removals
- Used good problem-solving skills for troubleshooting problems

Sushiya
Eugene, OR

MANAGER — *May. 2016 - current*

- Acquired $200,000 of government aid by applying for the PPP loan and small business relief grants
- Increased revenue yoy on an average of 15% over 4 years (from 2018-2021) by incorporating 3rd party delivery platforms
- Liaison to third party delivery platforms (Grubhub, Postmates, Uber eats and Doordash) in charge of negotiations and on loading
- Developed and maintained the website for the secondary location https://umiyasushieugene.net/
- Hired/ trained new employees for FOH duties

Personal Projects

Quick Mark

EXTENSION FOR CHROME — *March 2021*

- Created a Bookmarking solutions to help people who multitask reach their full potential on their productivity

COVID - 19 World Tracker

VISUALIZATION OF THE SPREAD OF THE COVID 19 ACROSS THE WORLD — *April 2020*

- Created a system which uses data from World Health Organization to track the spread of the disease over different countries

Education

University of Oregon
Eugene, Oregon

B.S. IN COMPUTER SCIENCE — *Sep. 2016 - Jun. 2020*

- Place 3rd in UO Annual Programming Competition 2019 for Undergraduate Division