KENNY JUNG

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EDUCATION

University of California, Merced, Merced, CA *Expected May 2022*
Bachelor of Sciences: Major in Computer Science and Engineering **GPA: 3.98**
Relevant Coursework:
Data Structures, Algorithms (Fall 2020), Database Systems (Fall 2020), Object-Oriented Programming (Fall 2020), Computer Organization and Assembly Language, Discrete Mathematics
Honors/Awards:
Summer Undergraduate Research Institute (SURI) Fellowship, Chancellor's Honor List, Dean's Honor List

SKILLS

Languages: Python, C++, C, Java, HTML, CSS, JavaScript
Frameworks/Technologies: Django, Git, Tensorflow, Keras, OpenCV, Matplotlib.pyplot, React

EXPERIENCE AND LEADERSHIP

Rutter Lab (Deep Learning Research), Merced, CA *June 2020-Present*
Undergraduate Researcher
- Plan a research project on building a deep learning model for abnormal finger classification
- Built, from scratch, specific convolutional neural networks such as AlexNet, VGG16, and ResNet
- Write scripts to parse data and automate image processing with Tensorflow and OpenCV
- Produced an accuracy of approximately 70% using a baseline variation of AlexNet

Mu Delta Chapter of Theta Tau *Aug 2020-Present*
Technology Chairman
- Manage a committee of six members implementing new features and debugging the chapter website
- Prepare lesson plans for techniques and topics commonly used during technical interviews
- Develop professional and leadership skills within the fraternity

PERSONAL PROJECTS

Coursinary | Web Application *May 2020-Present*
- Built a platform where UC Merced students can access course information from other students who already took the course
- Tested for user experience and bugs before deployment
- Utilized Django framework with ModelForms and SQLite database and deployed through Heroku

Dogs vs Cats Classifier | Machine Learning GUI *June 2020-July 2020*
- Constructed a graphical user interface where the program classifies the uploaded image as a dog or cat
- Implemented with a modified AlexNet architecture using Tensorflow, Keras, and Tkinter
- Optimized the model and achieved an accuracy of 95.65%

Personal Website | Website *Jan 2020-Feb 2020*
- Created a personal website using HTML, CSS, and JavaScript
- Featured fading animations to make the website look aesthetic for the user interface

Searching/Sorting Visualizer | Web Applications *Dec 2019-Jan 2020*
- Launched a web application that visualizes searching and sorting algorithms
- Programmed the application with React and wrote a description of the theory behind the algorithms
- Provided a teaching tool for students learning data structures and searching and sorting algorithms