Curriculum Vitae/Resume Seungho Jang
Department Computer Science & Engineering
4363 Normandy Trace Dr, St. Louis, Missouri, 63119
Tel: 314-332-9498 Email: sjpmt@mail.umsl.edu.
GitHub : https://github.com/sjang1594

Education

University of Missouri – St. Louis/Washington University
Bachelor of Science - Electrical Engineering, Minor in Computer Science & Mathematics.
University of Missouri – St. Louis
Master of Science – Computer Science emphasis on Machine/Deep Learning and Computer Vision
Cumulative GPA: 3.8

Research Interests

Computer Vision, Deep Learning, Machine Learning, SLAM, Motion Planning & Navigation, Sensor Fusion

Relevant Courses

C++ Programming/Java
Power, Energy and Polyphase Circuit
Electrical Energy & Electronics Lab
Signals and Systems
Advanced Algorithm
Digital Logic/Computer System/Architecture
Operating System/Unix System Programming
Signal Processing/Image Processing
Machine Learning/Deep Learning
Software Engineering

Work Experiences

Social Worker**, Suncheon City Hall, Republic of Korea,* ***Jan 2016 – April 2016
Assisted clients in obtaining passports and personal identification paperwork; maintained computer security for offices and employees.

Engineering Teaching Assistant**, Washington University in St. Louis* ***Aug. 2017 – Dec. 2019
Provided supplemental educational services for students studying Signal and System/Engineering Mathematics Class

Math Tutor**, University of Missouri St. Louis* ***Aug. 2018 – Dec. 2019
Helped students become accustomed to material of their class.

Graduate Teaching Assistant**, University of Missouri St. Loui.* ***Jan. 2020 – Current
Helped students become accustomed to material of their class, grading, and tutoring machine learning and data structure (Algorithm).

Volunteer Experiences

Medical Device Center,** University of Minnesota* ***2015
Learned how to utilize 3D printers using AutoCAD for modeling.

Computing Club**, University of Missouri St. Louis* ***2017-2018
Constructing Remote Camera Control System by using Raspberry Pi3.

Electrical Engineering Department,** Washington University in St. Louis* ***2017-2018
Developing a visualization suite for portable devices that will provide real-time information from the EEG system.

Publication (On progress)

Plant Root Detection, University of Missouri – Prof. Sanjiv Bhatia ***2020-***
Build a software system to detect the root from the gel container with different input data

Affiliations

Member in Phi Theta Kappa and Who's Among Students in American Universities & Colleges
Member in Society of Future Engineering
Member in UMSL CS Computing Club

Awards

Robert Hedier Engineering Scholarship**, UMSL Joint Engineering Program Dean* ***Jan, 2018
***Sweeney Memorial Scholarship**, UMSL Joint Engineering Program* **June, 2018**

Certifications

AI Certification – University of Missouri – Saint Louis
AWS Machine Learning – Udacity
Sensor Fusion & Robotic Engineering - Udacity
Complete Guide to TensorFlow for Deep Learning with Python - Udemy
Python for Computer Vision with OpenCV and Deep Learning – Udemy
Deep Learning with Python and Keras - Udemy