Youngho Kim
Songdo-dong, Yeonsu-gu, Incheon, South Korea
dannyinsuny@gmail.com
+82 10 2763 6023
Portfolio: https://github.com/rxyoungho
Website: https://sites.google.com/view/rxyoungho

EDUCATION

Bachelor of Computer Science, State University of New York, Stony Brook, 2015-21

Master of Computer Science, State University of New York, Stony Brook, 2021-

- Relevant Courses: Artificial Intelligence, Algorithms, Machine Learning, Statistics, Network

- Scholarship: Received scholarship for outstanding academic performance in 2019

- Research: Autonomous driving, Simultaneous Localization and Mapping, Computer Vision

PROFESSIONAL EXPERIENCE

ZeroClassLab Inc. Co-Founder and AI Developer, 2020
- CTO & Team Leader of Software Engineer
- Creating a vision system with multiple cameras using Semantic Segmentation and Convolutional neural networks
- Creating an application for both Android and iOS users using React Native
- Used Python, Tensorflow and YOLO v3

ALLT, Researcher, 2019-20
- Team Leader of inventory management system
- Creating a robot using Computer vision and autonomous driving skills to manage the weight and quantity of each rack of the factory

Academic Journal, paper about COVID-19 and Pneumonia detection, Main Author and Developer, 2020
- COVID-19 and pneumonia detection with both the X-ray and CT-scans using neural networks
- Used Python, ResNet50 and DarkNet53

Patent: Automatic Payment and Shopping Cart Solution of Traditional Markets, Main Inventor, 2020
- Computer vision based shopping cart and payment system

Patent: Automatic Volume Measurement Solution using Computer Vision Algorithms, Main Inventor, 2020
- Volume measurement of various industrial cabinets in factories

AWARDS

Earned 2020 KLIP (Korea Logistic Industry Promotion), Excellence Award, 2020
- Inventory automatic management solution, Smart Inventory System

Earned 2020 MSS (Ministry of SMEs and Startups), Excellence Award, 2020
- Cabinet volume measurement using computer vision algorithms