WEIJIE XU （2002.09）

Soochow University | wjxu29@gmail.com

EDUCATION

Soochow University   **Suzhou, Jiangsu**

Bachelor Program in Artificial Intelligence   Sep 2020 - June 2024

- *GPA*: 3.5 (Weighted Average Grade: 83.34)
- *Skills:* Programming languages (Python, C++), Operating system (Linux), Deep learning frameworks (PyTorch, MindSpore)
- *Courses:* Artificial Intelligence and Knowledge Engineering, Machine Learning, Neural Networks and Deep Learning, Computer Vision, etc.
- *Scholarship:* New Point Software Scholarship, School of Computer Science and Technology, Suzhou University, 2022

PROJECT EXPERIENCE

Huawei Ascend Intelligence Project   Nov 2022 – June 2023

Background:

- *Focusing on MindSpore code migration, collaborated in a group led by the teacher and Huawei experts to migrate the OptInter paper from PyTorch to MindSpore.*

Core Outputs:

- Successfully reproduced and implemented the PyTorch version code, meeting Huawei's accuracy requirements (faced challenges in migrating to MindSpore due to differences in underlying logic, resulting in an unexpected project conclusion).

Computer Vision Course Project   Oct 2022.10-Dec 2022

Background:

- *Focusing on Monocular Depth Estimation and then deployed the trained model to the Huawei Atlas 200 DK development board.*

Core Outputs:

- Utilized the depthNet model and MindSpore framework on the Huawei Cloud platform to conduct the Monocular Depth Estimation
- Successfully deployed the trained model to the Huawei Atlas 200 DK development board. Firstly cnverted the model to an ONNX format and further transformed it into an OM format, utilized ACL programming on the Huawei ATLAS 200 DK development board to load the model, finally processed the inference results to obtain depth images.

Bachelor's Thesis   Feb 2024

Design of a Long Document Knowledge Question-Answering System based on Large Language Models, using the LangChain framework.

LANGUAGES&ACTIVITIES

Languages: English CET-6: 506, English Exam Score for Postgraduate Entrance: 83
(Used for potential postgraduate interview and overseas applications)
Campus Experience: Assistant at the Student Work Department of the School of Computer Science and Technology, Suzhou University.