Personal information

Name
Ziao Zhao

Birthdate
1997.04.26

Gender
Male

Residence
Leuven

Skills

Programming

Pytorch
Tensorflow
OpenCV
Python
C++
PhP
Javascript
Sklearn

Others

MATLAB
Spss

Grades

- **Master cum laude**
- **Bachelor GPA 88/100**
- **Advanced master 15/20**
- **Biometrics 19/20**
- **Computer vision 18/20**
- **Machine Learning and Inductive Inference 17/20**
- **Biomedical robotics 17/20**

ZIAO **ZHAO**

Advanced master in AI

2021.09 - 2023.06 **Advanced Master**
KULeuven, Leuven
Master of Artificial Intelligence (Leuven)-
Option: Engineering and Computer Science

2018.9 - 2021.2 **Master**
VUB&ULB, Brussels
Majored in Electromechanical Engineering - Mechatronics-Construction track

2015.9 - 2018.9 **Bachelor**
Northwestern Polytechnical University , Xian,China
Majored in Aircraft Manufacturing Engineering.

Projects

2021.09-present **RANK LEARNING + PREDICTION**
KULeuven
This research aims to investigate the relation between 'learning-to-rank' and prediction + optimisation in more detail and to study and evaluate different learning-to-rank approaches on this problem class.

2022.07-2022.09 **METAVERSE**
Sony
The internship role is a QA role for machine learning, to test the behavior of NLP models. I participated in the project focusing on user identification based on chat conversations. The main model is based on the Deepstyle model and also tried other models such as BERT...

2022.2-2022.5 **COMPUTER VERSION AND BIOMETRICS PROJECT**
KuL leuven
Face recognition, Fingerprint recognition using detection, segmentation, CNN, and classification. OpenCV, sklearn, and main CNN models are familar.

2020.1-2021.1 **MASTER THESIS**
ULB
Implementation of a didactic force-feedback teleoperation palpation device for minimally invasive thoracic surgery. This device is used as the didactic device of ULB since 2021.

Contact

Dagobertstraat 52, leuven
Belgium
32456376069
ziao.zhao@student.kuleuven.be

2019.9-2019.12 **INTERNSHIP**
Lucisun
It is making an online PV simulation tool. The user needs to input the house's basic condition, such as the area and location. Then it will calculate some parameters about the PV and help the user make the decision. It integrates web technology and python modeling. It was presented at the European PV Conference (PVSEC) 2021.

2018.9-2019.6 **ENERGY RECUPERATION METHODS INROBOTICS THROUGH THE USE OF RUBBER SPRINGS**
VUB
Design a good model using the rubber springs to realise energy recuperation. It can get a relatively constant torque during the process of storage and release.

Internship

2022.07 - 2022.09 **Sony**
engineer, Brussels
Model selection, code refactoring, and error test including model behavioral test.

2021.3 - 2021.6 **Midea Robotics**
SuZhou, China
Programming for the cleaning robot , focused on Avoidance

2019.8 - 2019.12 **LuciSun**
Energy, Brussels
Making an online simulation tool about self-consumption using python and web technology.

2018.7 - 2018.8 **Chengdu Aircraft Industry Corporation**
Manufacturing, Chengdu
Doing some designing and drawing for the airplane.

Achievements

EU PVSEC 2021
Paper in EU PVSEC 2021

Excellent student of the college
Awarded the faculty-level excellent student for three consecutive years-NWPU

Physics Experiment Skills Competition
First prize-NWPU

Chemistry Experiment Skills Competition
Second prize-NWPU

Mathematical modeling competition for college students
Second prize-NWPU