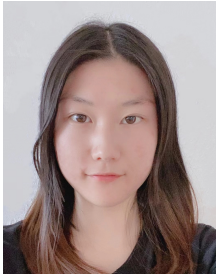

Zhi Li

Campus E1 4, 66123, Saarbrücken, Germany

zhili@mpi-inf.mpg.de

https://github.com/Malefikus

Educational Positions

May. 2021 – present

PhD Student

Max Planck Institute for Informatics, Saarbrücken

- Working in D2 (Computer Vision and Machine Learning, advisor: Prof. Dr. Bernt Schiele)
- Research topic: domain adaptation for autonomous driving

Dec. 2021 – May. 2021

Research Intern

Max Planck Institute for Informatics, Saarbrücken

- Working in D2 (Computer Vision and Machine Learning, advisors: Prof. Dr. Bernt Schiele and Dr. Dengxin Dai)
- Research topic: domain adaptation of monocular depth estimation for autonomous driving

Dec. 2020 – Dec. 2021

Research Intern

Max Planck Institute for Informatics, Saarbrücken

- Jointly working in D2 (Computer Vision and Machine Learning, advisor: Prof. Dr. Bernt Schiele) and D6 (Visual Computing and Artificial Intelligence, advisor: Prof. Dr. Christian Theobalt)
- Research topic: 3D human motion capture with scene awareness

Higher Education

Sept. 2017 – Jun. 2020

Master of Engineering (Software Engineering)

From School of Software Engineering, Xi'an Jiaotong University

- Thesis: Semi-supervised Human Pose Estimation on Monocular Videos (XJTU Excellent Thesis Award)
- Average Grade: 87.11%
- Ranked 1st among 249 peers

Sept. 2013 – Jun. 2017

Bachelor of Arts (English Major)

From School of Foreign Studies, Xi'an Jiaotong University

- Thesis: Authorship Attribution Based on Lexical and Stylistic Features: A Dimension Reduction Approach
- Average Grade: 89.71%
- Ranked 1st among 58 peers and received guaranteed acceptance to School of Software Engineering, Xi'an Jiaotong University

Sept. 2010 – Jun. 2013

High School

From Ji'nan Foreign Language School

- Ranked within top 10% and received guaranteed acceptance to School of Foreign Studies, Xi'an Jiaotong University (i.e. exempted from the National College Entrance Exam)

Publications

Academic

- Zhi Li, Shaoshuai Shi, Bernt Schiele, Dengxin Dai. Test-time Domain Adaptation for Monocular Depth Estimation. International Conference on Robotics and Automation (ICRA). 2023.

Academic

- Zhi Li, Soshi Shimada, Bernt Schiele, Christian Theobalt, Vladislav Golyanik. Mocap-Deform: Monocular 3D Human Motion Capture in Deformable Scenes. International Conference on 3D Vision (3DV, Best Student Paper Award). 2022.
- Soshi Shimada, Vladislav Golyanik, Zhi Li, Patrick Pérez, Weipeng Xu, Christian Theobalt. HULC: 3D HUman Motion Capture with Pose Manifold SampLing and Dense Contact Guidance. European Conference on Computer Vision (ECCV). 2022.
- Yu Guo, Lichen Ma, Zhi Li, Xuan Wang, Fei Wang. Monocular 3D Multi-person Pose Estimation via Predicting Factorized Correction Factors. Computer Vision and Image Understanding. 2021.
- Zhi Li, Xuan Wang, Fei Wang, Peilin Jiang. On Boosting Single-Frame 3D Human Pose Estimation via Monocular Videos. IEEE International Conference on Computer Vision (ICCV). 2019.
- Xuan Wang, Zhi Li, Yanan Chen, Peilin Jiang, Fei Wang. Stacked Mixed-Scale Networks for Human Pose Estimation. Pacific Rim International Conference on Artificial Intelligence (PRICAI). 2019.

Book Translations

- Giancarlo Zaccone, Md. Rezaul Karim, Ahmed Menshawy. Deep Learning with TensorFlow, Chinese Version (Zhi Li, Trans.). Beijing: Posts and Telecom Press. 2018.
- Gregory T. Brown. Programming Beyond Practices, Chinese Version (Zhi Li, Trans.). Beijing: Posts and Telecom Press. 2018.

Awards

2022

- 3DV 2022 Best Student Paper Award

2020

- Excellent Thesis Award
- Outstanding Postgraduate

2019

- National Scholarship

2018

- School Principal Scholarship for Postgraduates

2017

- Scholarship for Outstanding New Postgraduates
- Outstanding Graduate

2016

- National Encouragement Scholarship
- Outstanding Student

2015

- Siyuan Scholarship
- Outstanding Student

2014

- Siyuan Scholarship
- Outstanding Student
- Meritorious Winner in Mathematical Contest in Modeling (MCM)

Certificates

Mar. 2017 Test for English Majors, Band 8

Sept. 2015 National Computer Rank Examination, Level 3, Embedded Systems

Apr. 2015 Test for English Majors, Band 4

Sept. 2014 National Computer Rank Examination, Level 2, the C Programming Language

Technical Skills

Programming Languages

- Python
- Matlab
- Lua
- Java
- C/C++

Deep Learning Frameworks

- Pytorch
- TensorFlow
- Torch7

Personal Skills

Languages Known

- Chinese: Native
- English: Fluent
- German: Basic

Extra Curricular Activities

- Developed a Java application for the college dean to automatically schedule the thesis defence activities of all the postgraduates in school of software engineering.
- Developed a simple HTML webpage (with minimal functional user interface) for school of foreign studies, displaying the thesis projects of the former undergraduates while preventing the users from downloading or re-distributing the source documents in any way.