姓名：刘凯 (Kai Liu)

出生日期：1991/07/16

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教育经历

- 计算机工程博士   2018/3 - 2024/2
  世宗大学-首尔，韩国

- 计算机工程硕士   2014/9 - 2017/3
  世宗大学-首尔，韩国

- 软件工程学士   2010/9 - 2014/6
  临沂大学-临沂，中国

核心研究方向

- 人脸识别，场景理解，动态神经网络，深度学习

专业与教学经验

- 负责并讲授所在实验室暑期深度学习研讨会   2019/6 - 2021/6
- 从事世宗大学本科课程 "概率与统计"、"计算机组成原理"和"机器人学"助教，
  主要负责相关课程的课后习题的制定、答疑与批改工作   2020/3 - 2024/2
- 韩国工业机器人振兴院服务型机器人国际标准测试   2018/3 - 2024/2
- IEEE Transactions on Geoscience and Remote Sensing 审稿人   2022/1 - 2022/3
- IEEE Transactions on Circuits and Systems for Video Technology   审稿人   2024/5 - 2024/7
- 韩国 YUJIN Robot 研发中心   AI 研究员   2024/2-2024/12
- 温州大学 计算机与人工智能学院   讲师   2024/12 - 今

获奖

- 临沂大学优秀毕业生   2014/6
- 韩国世宗大学硕士全额奖学金   2014/9 - 2017/3
- 韩国世宗大学博士全额奖学金   2018/3 - 2024/2

论文列表

期刊

[1] J.H. Chan, **K. Liu**, Y. Chen, A.S. Sagar and Y.G. Kim, "Reinforcement learning-based drone simulators: survey, practice, and challenge." *Artificial Intelligence Review*, 2024. (SCI, 二区)

[2] **K. Liu** and S. Moon. "Self-supervised efficient sample weighting for multi-exit networks." *Knowledge-Based Systems* (*KBS*), 2023. (SCI, 一区)

[3] **K. Liu** and S. Moon, "Dynamic Parallel Pyramid Networks for Scene Recognition," in *IEEE*

Transactions on Neural Networks and Learning Systems (*TNNLS*), 2023. (SCI, 一区)

[4] **K. Liu** and S. Moon, "Spatially Selective Activation for Visual Recognition," in *IEEE Transactions on Circuits and Systems for Video Technology, (TCSVT)*. (在投) (SCI, 一区)

会议

[4] **K. Liu** and S. Moon, "Rethinking Attention Mechanism for Image Recognition." Korea Information Processing Society (2020): 145-146. *(EI)*

[5] **K. Liu**, et al. "Performance Evaluation in Grasp Strength and Slip Resistance of a Robotic hands." Korea Information Processing Society, (2020): 203-205. *(EI)*

[6] **K. Liu**, C. Usman, and S. Moon. "Understanding the Effect of Different Scale Information Fusion in Deep Convolutional Neural Networks." In *Proceedings of the Korea Information Processing Society Conference*, pp. 1004-1006. Korea Information Processing Society, 2019. *(EI)*

[7] **K. Liu** and S. Moon, "Robust Dual-Stage Face Recognition Method Using Principal Component Analysis and High-Dimensional- Local Binary Patterns", *IEEE Conference of Robotics and Automation Society (ICIA), August 2016.* (EI)

[8] **K. Liu** and S. Moon, "Implementation of Local Binary Patterns for Face Recognition", *Conference of Institute of Control, Robotics and Systems (ICROS),* March 2016. *(EI)*

语言与技能

- 语言：流利英语（IELTS 6.5），初级韩语
- 技能：Python, Java, C/C++, Matlab, PyTorch, TensorFlow