** 苗博**

出生日期：05/1995 性别：男 户籍：山东济南

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**教育背景**

**西澳大学，珀斯，澳大利亚 （世界QS排名：72，USNews排名：83）** 01/2021-01/2025

博士研究生（计算机科学） 研究课题：视频物体分割

导师：[Ajmal Mian](https://research-repository.uwa.edu.au/en/persons/ajmal-mian)教授和[Mohammed Bennamoun](https://research-repository.uwa.edu.au/en/persons/mohammed-bennamoun)教授

**济南大学，济南，中国** 09/2015-06/2018

硕士研究生（信号与信息处理） 研究课题：基于静息态fMRI特征选择的ADHD分类研究

导师：张玉璘教授

**济南大学，济南，中国** 09/2011-06/2015

本科（通信工程，双学位：会计学）

**工作经历**

**机器人与人工智能实验室，香港中文大学（深圳），深圳，中国** 05/2020-12/2020

**科研助理** 导师：[林天麟](https://sse.cuhk.edu.cn/faculty/tinlunlam)教授

* 基于注意力机制的场景理解和识别；
* 基于记忆力网络的自监督视频异常检测。

**机器学习研发中心，新浪微博，北京，中国**07/2018-09/2019

**算法工程师**

* 海量博文数据挖掘与处理，视频、文本、互动特征提取；
* 个性化热门微博推荐系统搭建；
* 数据指标分析以及监控搭建。

**科研成果**

**会议**：

* ***Bo Miao***, Mohammed Bennamoun, Yongsheng Gao, Ajmal Mian, "Spectrum-guided Multi-granularity Referring Video Object Segmentation", *International Conference on Computer Vision (ICCV)*, 2023. **(CCF A, 人工智能领域顶级国际会议)**
* ***Bo Miao***, Liguang Zhou, Ajmal Mian, Tin Lun Lam, Yangsheng Xu, "Object-to-Scene: Learning to Transfer Object Knowledge to Indoor Scene Recognition", *IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, 2021. **(CCF C, 机器人领域顶级国际会议)**
* ***Bo Miao***, Mohammed Bennamoun, Yongsheng Gao, Ajmal Mian, "Self-Supervised Video Object Segmentation by Motion-Aware Mask Propagation", *IEEE International Conference on Multimedia and Expo (ICME)*, 2022. **(CCF B, Oral)**
* ***Bo Miao***, Junling Guan, Liangliang Zhang, Qingfang Meng, Yulin Zhang, "Automated epileptic seizure detection method based on the multi-attribute EEG feature pool and mRMR feature selection method", *International Conference on Computational Science* *(ICCS)*, 2019. **(CORE A, Oral)**
* ***Bo Miao***, Yulin Zhang, "A Feature Selection Method for Classification of ADHD", *International Conference on Information, Cybernetics and Computational Social Systems (ICCSS)*, 2017. **(最佳论文)**
* ***Bo Miao***, Mohammed Bennamoun, Yongsheng Gao, Ajmal Mian, " Regional Video Object Segmentation by Efficient Motion-Aware Mask Propagation", *International Conference on Digital Image Computing: Techniques and Applications (DICTA)*, 2022.
* ***Bo Miao***, Junling Guan, Qingfang Meng, Yulin Zhang, "Fractional amplitude of low-frequency fluctuation and degree centrality in autistic children: a resting-state fMRI study", *International Workshop on Pattern Recognition (IWPR)*, 2018.

**期刊：**

* ***Bo Miao***, Mohammed Bennamoun, Yongsheng Gao, Ajmal Mian, " Region Aware Video Object Segmentation with Deep Motion Modeling", *arXiv,* 2022. **(CCF A, IEEE Transactions on Image Processing在投)**
* ***Bo Miao***, L. L. Zhang, J. L. Guan, Q. F. Meng, Y. L. Zhang, "Classification of ADHD individuals and neurotypicals using reliable RELIEF: A resting-state study", *IEEE Access,* 2019.

**语言与专业技能**

* 语言: 汉语, 英语 托福 (97, R25, L25, S21, W26)；
* 编程: PyTorch, Python, C++, MATLAB, Java, Shell, Latex等；
* 数据库: MySQL, Hive, Redis, Kafka等。

**专业活动**

**会议审稿人：**CVPR, ICCV, ECCV, IROS, DICTA等；

**期刊审稿人：**IEEE Transactions on Image Processing, IET Image Processing, Biomedical Engineering Online, IEEE Access等；

IROS 2021分会主席；

ICCSS 2017最佳论文奖。