

董程博

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教育经历

中国人民大学 2020.09 - 2023.06

大数据科学与工程, 硕士, 信息学院

导师: 李锡荣

研究方向: 计算机视觉, 多媒体鉴伪取证, 跨模态计算

北京航空航天大学 2016.09 - 2020.06

自动化, 本科, 自动化科学与电气工程学院

GPA: 3.78/4.00

研究/实习经历

人工智能与媒体计算实验室, 中国人民大学 2020.09 - 至今

在读学生

- Video Captioning 和 Video-Text Retrieval

2021 ACMMM Grand Challenge: Pre-Training for Video Captioning, top 3

TRECVID2021: Ad-hoc Video Search, top 3

跨媒体计算实验室, 中科院计算所/中科睿鉴有限公司 2020.06 - 2021.04

访问学生

- DeepFake 换脸检测: 判别真实/DeepFake 篡改/GAN 生成人脸

Faceforensics Benchmark, top20

2020 中国人工智能大赛 B 组, top 2

- 一般图像篡改检测: 对非生成式篡改图像判别和区域分割

成果论文被 ICCV2021 接收

阿里安全 AI 挑战者计划: 伪造图像的对抗攻击, top11

北京旷视科技有限公司 2019.11 - 2020.03

算法工程师, 企业业务团队-FastAI 组

- FollowMe 机器人: 跟踪 + 行人 ReID 会展跟随机器人

- 狗鼻纹/牛鼻纹检测: 基于鼻纹特征实现 1: 1 匹配和 1: N 召回

论文

- X. Chen, **C. Dong**, J. Ji, J. Cao and X. li. Image Manipulation Detection by Multi-View Multi-Scale Supervision. In *ICCV*, 2021. 共同一作

- **C. Dong**, X. Chen, A. Chen, F. Hu, Z. Wang and X. Li. Multi-Level Visual Representation with Semantic-Reinforced Learning for Video Captioning. In *ACMMM*, 2021

获奖/荣誉

北京市优秀毕业生 2020

北京市三好学生 2019

Chengbo Dong

Email: dongchengbo@ruc.edu.cn

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Education

Renmin University of China 2020.09 - 2023.06

Master of Computer Science and Technology

Supervisor: Prof. Xirong Li

Research Area: Computer Vision, Media Forensics, Cross-Modal Computing

Beihang University 2016.09 - 2020.06

Bachelor of Control Science and Engineering

GPA: 3.78/4.00

Experiences

AI & Media Computing Lab at RUC 2020.09 - Till now
Student

- Video Captioning & Video-Text Retrieval
2021 ACMMM Grand Challenge: Pre-Training for Video Captioning, top 3

Cross-Modal Computing Lab at ICT, CAS 2020.06 - 2020.12
Visiting Student

- DeepFake Detection: Classification on authentic/deepfake-tampered/GAN-generated human faces

Faceforensics Benchmark, top20

China Artificial Competition, Group B top 2

- Image Manipulation Forensics: Classification and segmentation on manipulated images.

Paper accepted by ICCV 2021

Security AI Challenge: Forgery Detection on Certificate Image, Alibaba, top11

Megvii Inc. 2019.11 - 2020.03

AI Internship Engineer, EBG-FastAI Group

- FollowMe robot: An Exhibition robot involving tracking and ReID
- PigCount: A detection based pig counting solution solving overlapping
- Dog Noseprint: 1:1 alignment & 1:N retrieval based on noseprint feature

Publication

- X. Chen, **C. Dong**, J. Ji, J. Cao and X. li. Image Manipulation Detection by Multi-View Multi-Scale Supervision. In *ICCV*, 2021. Co first author.

- **C. Dong**, X. Chen, A. Chen, F. Hu, Z. Wang and X. Li. Multi-Level Visual Representation with Semantic-Reinforced Learning for Video Captioning. In *ACMMM*, 2021

Honor

Outstanding Graduate of Beijing 2020

Merit Student of Beijing 2019