Yanan Wang | Personal resume

INFORMATIONS

E-mail	: yanan.wang.cs@gmail.com	TOEFL iBT	:	85
Homepage	: https://hanxiaoer1992.github.io/cv/	Date of Birth	:	1992.09.24
Interests	: Computer Vision, Person Re-identification	Phone	:	+971-508645078

EDUCATIONS

2015.09 - 2018.06   **Xidian University**   **GPA: 3.41 / 4 (estimated)**

Master of Engineering, majored in Electronics and Communications Engineering

Projects: Design, development and maintenance of college websites and admission systems

Courses: Computational Intelligence (91), Algorithm Design (91), Machine Learning (80), Natural Computing (88), Intelligent Perception and Advanced Computing (86), High Performance Computing (85). Full marks: 100

2011.09 - 2015.06   **Guilin University of Electronic Technology**   **GPA: 3.49 / 4 (estimated)**

Bachelor degree in Electronic Science and Technology

Courses: Probability Theory (95), Advanced Mathematics (98), Linear Algebra (95), Functions of a Complex Variable (96), Signals and Systems (93), C Programming Language (96). Full marks: 100

WORK EXPERIENCE

2018.12 - present   **Engineer**   **Inception Institute of Artificial Intelligence**

Responsible for full-stack developments and research developments.

‣ IJCB2022: Responsible for the development, maintenance, and release of the IJCB2022 website.

‣ RandPerson: This is a large-scale synthesized person re-identification dataset with 8,000 IDs. I design a method to automatically generate a large number of 3D characters in MakeHuman, and render them simultaneously in Unity3D, with customized scenes and camera networks similar to real surveillance systems. Furthermore, I show for the first time that models trained on virtual data surpass models trained on real-world datasets, including CUHK03, Market-1501, DukeMTMC-reID, and partially MSMT17.

‣ FaceCard: It is an APP that can detect and recognize faces. I developed login and registration modules, detection and recognition modules, conference module, company module, personal module, face registration module, mailing model, etc. We deployed FaceCard publicly during CVPR 2019 to help participants find profiles and papers of known researches.

2018.09 - 2018.12   **Engineer**   **KingSoft Cloud Software Company**

Responsible for developing intelligent video surveillance system and voice labeling system.

2018.07 - 2018.09   **Engineer**   **Finup FinTech Group Co., Ltd.**

Responsible for developing application pages.

TECHNIQUES

Python, Pytorch, Node.js, JavaScript, Vue, MySQL, Unity

PUBLICATIONS

‣ Yanan Wang, Shengcai Liao, and Ling Shao, "Surpassing Real-World Source Training Data: Random 3D Characters for Generalizable Person Re-Identification." In ACM International Conference on Multimedia, 2020.

‣ Yanan Wang, Yinfeng Li, Yu Li, and Sen Lin, "Mobile application design for smart community." In J. Huazhong Univ. of Sci. & Tech. (Natural Science Edition), Oct. 2016.

HONORS

National Scholarship. Five school-level scholarships. Five Software Copyrights. IEEE Programming Competition Top 30% in China (2 times). Winner of Internet+, Spark Cup and other competition awards.