

Yanghua Jin (金陽華)

Curriculum Vitae

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Education

- Sept 2013–Present **Fudan University**, *B.S. with honors in Computer Science*, Shanghai, China.
Student of honors program. *Expect to graduate in 2018 due to one year oversea exchange study.*
- Oct 2016–Aug 2017 **Kyoto University**, *Exchange student*, Kyoto, Japan.
General exchange program. Affiliated to Machine Learning and Data Mining Research Laboratory, supervised by Prof. Hisashi Kashima

Research Interests

Deep Generative Models, especially on the image generation and image transformation with deep learning.

Manuscript

- Aug 2017 **Towards the Automatic Anime Characters Creation With Generative Adversarial Networks**
Yanghua Jin, Jiakai Zhang, Minjun Li, Yingtao Tian, Huachun Zhu
Spotlight at NIPS 2017 Workshop on Machine Learning for Creativity and Design. This technical report came along with an easy-to-use website demo, <http://make.girls.moe/>. By depolying the state-of-the-art model as a browser-based service, we get millions of visits from all over the world and thousands of stars on Github.
<https://arxiv.org/abs/1708.05509>

Experience

- May 2018–Current **Founder**, *Crypko.AI*
Building next-generation with cryptocollectible game with GAN and Ethereum.
Director, Machine Learning Development, Backend Development
- March 2017–Sept 2017 **Part-time engineer** in the field of deep learning, *Preferred Networks*, Tokyo
Developing and researching on line drawing colorization and image style transfer models.
Working Paper: **Deep Style Picker for Line Drawing Colorization**
- Oct 2016–Feb 2017 **Independent research**.
Applying Wasserstein distance to improve the performance of Generative Adversarial Networks. Advised by Prof. Macro Cuturi from ENSAE, France.
- Jul 2016–Sept 2016 **Morgan Stanley Technology Summer Analyst program**, *Morgan Stanley*, Shanghai
Independent Project. Designed and implemented an Online Latent Dirichlet Allocation based email topic analysis system for Microsoft Outlook, and built several supervised and unsupervised applications based on learnt topic distributions.
- Sept 2015–Jan 2016 **Shanghai Key Laboratory of Intelligent Information Processing**, *Fudan University*, Shanghai
Use group sparsity to solve positive unlabeled learning. Wrote programs and fine-tuned models, advised by Longwen Gao and Shuigeng Zhou

Selected Personal Projects

- 2013-2015 **ImageSearch**: Hadoop based similar image search engine.
Etupirka: C# based software usage recoder.
Wikker: Analyzing the graph structure composed by word hyperlinks in Wikipedia.
FudanCaptchaKiller: SVM based CAPTCHA recognition tool.

Awards

- Oct 2016 **JASSO Scholarship** for exchange students.

Jun 2016 Xiyuan Undergraduate Research Funding, Fudan University
Dec 2015 Scholarship for honors program, School of Computer Science, Fudan University
Oct 2014-2015 Outstanding Student Scholarship, Fudan University
Aug 2012 Bronze Medal, National Olympiad in Informatics