Jingtun Zhang
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Education

- **University of Science and Technology of China** — Hefei, Anhui, China
  Bachelor of Computer Science and Technology — *Aug. 2016 – July 2020*
- **Texas A&M University** — College Station, TX, USA
  Graduate of Computer Science and Engineering, Supervisor: Prof. Shuiwang Ji — *Aug. 2020 – Present*

Experience

- **Univeristy of California, Santa Barbara** — Santa Barbara, CA, USA
  Summer Research Intern, Supervisor: Prof. Yufei Ding — *July 2019 - Sep. 2019*
  - *Utilized motion-vector information to accelerate video object detection as part of a MxNet-architecture compiler framework project for deep video stream processing like MSRA-DFF.*
  - *Attempted to build a more complicated MV-Net to improve the quality of motion vector used at feature map level, rather than just scale the motion vector by 1x1 convolutional layer, getting MAP@5 = 0.6225.*
  - *Tested different steps of Motion Vector Output Flow Model to approximate the result of DFF and accelerate it, trying to analyse motion vector aggregation-propagation perfomance at output level.*
- **SenseTime** — Zhongguancun, Beijing, China
  Research Intern, Supervisor: Prof. Wenxiu Sun — *Feb. 2020 - July 2020*
  - *Developed a graph matching based animation video interpolation algorithm - AniSloMo.*
  - *Built up an animation video interpolation benchmark dataset - AniData for evaluating animation video interpolation algorithm performance on mobile devices with limited resources for real-time processing.*
- **West China Biomedical Big Data Center, West China Hospital** — Chengdu, Sichuan, China
  Research Assistant, Supervisor: Prof. Kang Li — *July 2020 - Apr. 2021*
  - *Assisted in building up and finrtuning a robust self-supervised learning graph neural networks framework on OGB dataset for biomedical drug moleclues finding and property prediction.*

PUBLICATIONS

- *Xie, Y., Xu, Z., **Zhang, J.**, Wang, Z. and Ji, S., 2021. Self-supervised learning of graph neural networks: A unified review. arXiv preprint arXiv:2102.10757.*
- *Liu, M., Luo, Y., Wang, L., Xie, Y., Yuan, H., Gui, S., Yu, H., Xu, Z., **Zhang, J.**, Liu, Y. and Yan, K., 2021. DIG: A Turnkey Library for Diving into Graph Deep Learning Research. arXiv preprint arXiv:2103.12608.*

SELECTED AWARDS

- **National Scholarship** — Hefei, Anhui, China
  For Top 5 percent Student — *Sep. 2018*
- **Outstanding Student Scholarship (Sliver)** — Hefei, Anhui, China
  For Top 10 percent Student at USTC — *Sep. 2017*

Programming Skills

- **Languages**: Java, Python, C/C++ **Technologies**: Pytorch, Tensorflow/Keras