Jie Feng's Resume

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EDUCATION

University of California, San Diego, La Jolla, USA
Ph.D. Student in ECE   *Sep' 2021 - present*

- **Advisor:** Prof. Yuanyuan Shi

University of California, Berkeley, Berkeley, USA
Visiting Student   *Jul' 2020 - Nov' 2020*

- **Advisor:** Prof. Masayoshi Tomizuka

Zhejiang University, Hangzhou, China
Bachelor of Engineering, Automation (Robotics)   *Sep' 2017 - Jul' 2021*

- **GPA: 3.96/4.0**
- **Honors Program:** Mixed Class in Chu Kochen Honor College (**Top 5%** students at Zhejiang University)

PUBLICATIONS

Journal

- **Jie Feng**, Yuanyuan Shi, Guannan Qu, Steven H. Low, Anima Anandkumar, Adam Wierman. Stability Constrained Reinforcement Learning for Real-Time Voltage Control in Distribution Systems, arxiv, 2022

- Haoyan Xu, Ziheng Duan, Yueyang Wang, **Jie Feng**, Runjian Chen, Yida Huang.Graph Partitioning and Graph Neural Network based Hierarchical Graph Matching for Graph Similarity Computation, Neurocomputing, 2021

- Ziheng Duan, Haoyan Xu, Yida Huang, **Jie Feng**, Yueyang Wang Multivariate Time Series Forecasting with Transfer Entropy Graph, Tsinghua Science and Technology, 2021

- Haoyan Xu*, Yida Huang*, Ziheng Duan*, **Jie Feng**, Pengyu song, Multivariate Time Series Forecasting Based on Causal Inference with Transfer Entropy and Graph Neural Network, arxiv

Workshop

- XiangJi Wu, Ziwen Zhang, **Jie Feng**, Lei Zhou, Junmin Wu, End-to-end Optimized Video Compression with MV-Residual Prediction, CVPRW, 2020

INTERNSHIP

TuCodec AI Lab   **TuCodec, Shanghai**
Supervisor : Prof. Lei Zhou   *Jan '2020 - Jun '2020*

Research Intern On Video Compression

- Participated in the CVPR CLIC 2020. Our framework achieved the highest MS-SSIM performance for P-frame task in both validation phase and test phase.

AWARDS & ACHIEVEMENTS

Scholarships & Awards

- **Innovation Scholarship for Academic Advances** (Chu Kochen College)   *Nov '2020*
- **First-class Scholarship for Academic Excellence** (Top 3%)   *Oct '2020*
- **1st Place in 3rd Challenge on Learned Image Compression in P-frame Track**, Conference on Computer Vision and Pattern Recognition   *Jun '2020*
- **Tanglixin Scholarship** for Academic Excellence (30 out of 24878)   *Nov '2018*
- **Academic Excellence Award**, Zhejiang University   *2018 - 2020*

COMPUTER SKILLS

Languages: C, C++, Python, MATLAB, LaTeX, Assembly
Frameworks: OpenCV, Pytorch, Tensorflow, PandaPower
Operating systems: Linux, ROS