HAOYANG HU

393 Middle Huaxia Road, Pudong New Area, Shanghai, P.R. China, 201210

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EDUCATION

ShanghaiTech University *Shanghai, P.R.China*
M.S. Candidate in Communication and Information Systems *Sept. 2021 - Jun. 2024 (Expected)*

- Advisors: Prof. Youlong Wu & Prof. Ning Cai
- Overall GPA: 3.94/4.00; Major GPA: 4.00/4.00

University of Electronic Science and Technology of China *Chengdu, Sichuan, P.R.China*
B.E. in Earth Information Science and Technology *Sept. 2017 - Jun. 2021*

- Overall GPA: 3.98/4.00 (91.89/100)

RESEARCH INTERESTS

- Information Theory
- Coded Computing, Coded Caching

PUBLICATIONS

Conference Papers

1. **H. Hu**, Y. Wu, Y. Shi, S. Li, C. Jiang, and W. Zhang, *"Communication-Efficient Coded Computing for DistributedMulti-Task Learning"*, IEEE Trans. on Communications, accepted. [Paper]

Conference Papers

1. **H. Hu**, S. Li, M. Cheng, and Y. Wu, *"Coded Distributed Computing for Hierarchical Multi-Task Learning"*, in IEEE Information Theory Workshop (ITW), accepted, 2023. [Paper]
2. H. Tang, **H. Hu**, K. Yuan and Y. Wu, *"Communication-Efficient Coded Distributed Multi-Task Learning"*, in IEEE Global Communications Conference (Globecom), 2021, pp. 1-6. [Paper]

TEACHING EXPERIENCE

Teaching Assistant at ShanghaiTech University

- EE142: Fundamentals of Information Theory (Outstanding Teaching Assistant, Top 20%) *Spring, 2022*
- CS282: Machine Learning *Fall, 2022*

AWARDS AND HONORS

Merit Student (Top 5%)	*ShanghaiTech University, 2022*
Outstanding Graduates in Sichuan Province	*Ministry of Education in Sichuan Province, 2021*
China National Scholarship (Top 0.2 % Nationwide),	*Ministry of Education in China, 2020*
First-class Scholarship	*University of Electronic Science and Technology of China, 2018 ∼ 2020*
First Prize of China Undergraduate Mathematical Contest in Modeling,	*2019*

TECHNICAL STRENGTHS

Programming Languages: Python, MATLAB, C/C++
Technical Skills: CVX, PyTorch, Git, Latex

Last updated in May, 2023