Curriculum Vitae -QIAN LI

Website: https://qianli06.github.io/ Email: qianli@stu.pku.edu.cn

Education

Peking University 2022-Present
Major: Signal and Infomation Processing GPA: 86/100
Advisors: Prof. Dou Li and Prof. Hongliang Zhang
Interests: Wireless Communication and Sensing, Reconfigurable Meta-material Anttanas, Distributed Radar Systems, Information and Coding Theory

Beijing Jiaotong University 2018-2022
Major: Information Management and Information System GPA:86/100
Interests: Data Science, Knowledge Graph, IoT, Development of Information Systems

Publications

Q. Li, Z. Yang, D. Li and H. Zhang, "Reconfigurable Holographic Surface-aided Distributed MIMO Radar Systems," IEEE Communication Letters. (under revision)
arxiv link: https://arxiv.org/abs/2412.06279

Teaching Experience

Peking University:
Teaching Assistant: Fundamentals of Machine Learning for Predictive Data Analysis Fall 2023
Teaching Assistant: Fundamentals of Machine Learning for Predictive Data Analysis Fall 2022

Research and Internship

Peking University Beijing, China
Graduate Research Assistant Summer 2023- Present
Design signal processing algorithms for radar and communication, near field communication and sensing, Reconfigurable Holographic/Intelligent Surface, distributed radars

ByteDance Beijing, China
Undergraduate Intern Spring 2020
Developed application Feishu and designed algorithms for analyzing big data of Feishu.

Guangzhou Port Group Guangzhou, China
Undergraduate Research Intern Summer 2019
Designed algorithms and developed systems for Internet of Things project.

Award

Graduate Academic Scholarship Peking University, 2022,2023,2024
National Encouragement Scholarship Beijing Jiaotong University, 2021
Academic Progress Award Beijing Jiaotong University,2019

Skills

Programming languages: Python, C, C++, Java, C#.
Software and Libraries: Matlab, PyTorch, Numpy, Tensorflow, LaTeX.

Relevant Courses

Machine Learning
Deep Learning
Stochastic Process
Signal Detection and Estimation
Data Structure
Methods of Advanced Mathematics
Large Database
Big Data Analysis and Mining
Development of Information Systems
Probability and Mathematical Statistics
Theory Information and coding
Principle of Digital Communication
Mobile Communication Systems
Internet of Things
Computer Network
Object-Oriented Programming