Opening Positions of Ph.D. Students and Postdoctoral Fellows

Opening Positions

Fully funded positions of Ph.D. students and postdoctoral fellows starting from September 2023 are now opening in Intelligent Transportation Thrust at HKUST (GZ) under the supervision of Prof. Jia Yan. The prospective Ph.D. students and postdocs are expected to work on research topics including but not limited to

- Machine learning and AI for wireless communications and networking
- Mobile edge computing and edge intelligence
- Communication-efficient and private wireless federated learning
- Integrated communication, computing and sensing in IoV
- Intelligent transportation and low-altitude economy

Required qualifications

For Ph.D. students
- Bachelor or master degree in Electrical and Computer Engineering, Information Engineering, Telecommunication Engineering or Computer Science from a highly-ranked university
- High motivation with solid mathematical background
- Proficiency in at least one programming language such as Python or C/C++
- Strong oral and written English skills
- Standard English proficiency test: TOFEL-iBT: 80; IELTS: 6.5 (all sub-score: 5.5)
- Relevant research experience and conference/journal publications (if any) in machine learning and optimization for wireless communications and networking will be a plus.

For Postdocs
Apart from the above requirements regarding English proficiency, the applicant should have Ph.D. degree from a reputable university and excellent publication records in the field of wireless communications and networking.

Remuneration

For Ph.D. students, the postgraduate studentship (PGS) is CNY 15,000 per month. For Postdocs, salary is highly competitive of international standard and will be commensurate with qualifications and experience.

Interested candidates are strongly encouraged to contact Dr. Jia Yan by email jasonjiayan@hkust-gz.edu.cn, together with your resume, transcripts and representative publications (if any).

About the Supervisor

Dr. Jia Yan joined the Intelligent Transportation Thrust, System Hub, HKUST (Guangzhou Campus) as a tenure-track assistant professor in August 2023. Before that, he was a Postdoctoral Associate with the Department of Electrical and Computer Engineering at the University of Minnesota, Twin Cities, Minneapolis, USA, from 2021 to 2023. He received the B.Eng. degree from the School of Electronic and Information Engineering, South China University of Technology, Guangzhou, China, in 2017, and the Ph.D. degree in Information Engineering from the Chinese University of Hong Kong in 2021, respectively. His research focuses on the optimization and machine learning in wireless communications and networking, with particular interests in mobile edge computing, edge intelligence and Internet of Vehicles. More information can be found at his homepage: https://jasonjiayan.github.io/index.html