

CONTACT

✉ hanzhiyu@miami.edu
☎ +1(786)266-6108
📍 Miami, Florida, US
in www.linkedin.com/in/ hanzhi-yu-b35717254

SKILLS

- Python Programming
- Machine Learning Algorithms & Techniques

LANGUAGES

English ● ● ● ● ●
Chinese ● ● ● ● ●

HANZHI YU

GRADUATE (PH.D.) STUDENT - UNIVERSITY OF MIAMI

EDUCATION

Ph.D. (In Reading) Aug 2023 - Present
University of Miami, College of Engineering

- **Department:** Electrical & Computer Engineering
- **Research Area:**
 - Machine learning and artificial intelligence for wireless networks
 - Federated learning over real-world wireless networks

Master of Science Program Sep 2022 - May 2023
University of Miami, College of Engineering

- **Major:** Electrical & Computer Engineering - Concentration in Artificial Intelligence
- **Area of Interest:** Communication Networks, Artificial Intelligence, Machine Learning, Convex Optimization
- **GPA:** 3.95/4.00

Bachelor of Engineering Sep 2015 - Jun 2019
Central South University

- **Curriculum included:** Digital Communication Principle, Computer Network, Short-range Wireless Communication Technology, Mobile Communication, Wireless Network.
- **Award:**
 - Third-class Scholarship (Top 30%)
 - Third Prize, the 12th College Students Mathematical Contest in Modeling

WORKING EXPERIENCE

Technician at Control Center Oct 2020 - Jul 2022
Weifang Heating Power Company

- Engaged in the maintenance of the heat station SCADA system
- Led the project of implementing the Intelligent Heat Supply Control Platform:
 - Responsible for designing the architecture of the platform
 - Engaged in the research of an ML algorithm for heat supply auto-control
 - Engaged in the test and the maintenance of the platform

PUBLICATIONS

H Yu, M Chen, Z Yang, Y Liu, "Complex Neural Networks for Indoor Positioning with Complex-Valued Channel State Information", 2023 IEEE Global Communications Conference: Selected Areas in Communications: Integrated Sensing and Communication