Last Updated: 2021/08/31

Liu Yuchen

(+81)080-1305-2116 | (+86)177-8272-3138 | liu.y.ca@m.titech.ac.jp
Address: Tokyo, Meguro-ku, Midorigaoka 1-9-31, Midorigaoka House

EDUCATION

Tokyo Institute of Technology   2020.9-2022.9 (Expected)

Master of Engineering, School of Engineering, Information and Communication Engineering

Huazhong University of Science and Technology   2016.9-2020.6

Bachelor of Engineering, School of Electronic Information and Communication Engineering, Major in Electronic Information Engineering

RESEARCH

Multi-Agent Reinforcement Learning in Inter-Cell Interference Control: We used Multi-Agent Deep-Q-Learning (MADQL) to realize scalable solution for transmission power and 3D-beamformer joint optimization. The communication between each agent is introduced.

SKILL

【Language】English (TOEIC: 965), Japanese (JLPT-N1), Chinese (Native)

【Programming】C/C++, Java, Golang, Python

【Infra & Tool】AWS (Solution Architect: Associate), GCP, Splunk

【ML】Reinforcement Learning

EXPERIENCE

Mixi Group   **2021.9-2021.9**

Software Engineer Internship   XFLAG

Participate in TIPSTAR BreezeCast project. Work on submodule of GPU acceleration for SMPTE ST 2110 20/30 to WebRTC VP8/Opus transcoding..

Sony Group   **2021.8-2021.9**

Software Engineer Internship   Sony Mobile Communications

Develop Network Visualizer related Android software for Xperia series.

Bosch Japan   **2021.5-2021.8**

System Engineer Internship   XC-AN/PAA-JP

Test and calibrating of Automotive Keyless Systems, analyzing performance data and preparing test reports and hands on Vehicle system set up and system optimization.

TP-LINK   **2020.6-2020.9**

Embedded Software Engineer Internship   R&D Center for Business Partner (Oversea)

Develop router system for business partners. My responsibility including integration test on WIFI router, unit test for RouteOS code, develop new function for WIFI router system.