PROFILE

Currently, I'm doing research about the connected autonomous vehicle management for signal-free intersections over 5G networking, and one paper is going to be published in IEEE International Conference on Intelligent Transportation System(ITSC), 2020. My research goal is to bring the vehicular field and networking field together. During my master degree, my research focused on service chain deployment and SDN controller management. The controller paper is published in IEEE Journal on Selected Areas in Communications (JSAC), 2019, and another paper is published in IEEE/ACM International Symposium on Quality of Service (iwqos), 2018. The research helps me gain much knowledge of SDN and allows me to apply the knowledge to my current vehicular research.

CONTACT

PHONE:
+1 (917) 861-9502

WEBSITE:
https://www.linkedin.com/in/michael-i-c-wang-15216097/

EMAIL:
icw238@nyu.edu
michael.ichih.wang@gmail.com

SKILLS

C/C++, C#, Python, Java, Android SDK
Openflow, Mininet/Ryu for SDN
SUMO for vehicular microsimulation
Embedded system: Arduino, R-Pi

Michael I-Chih Wang

PhD Candidate in ECE of NYU/NCTU

EDUCATION

PhD Candidate in ECE,
Joint National Chiao Tung University/NYU Tandon
2018 – 2023 (expected)
NCTU
- Computational Intelligence on Automation Lab
- Research: SDN/NFV deployment

NYU Tandon
- High Speed Networking Lab
- Research: Connected Autonomous Vehicle Management using 5G technology

M.S. in ECE, National Chiao Tung University
2016 - 2018
GPA: 4.05/4.3, Research: "Improving Quality of Experience of Service-Chain Deployment for Multiple Users"

WORK EXPERIENCE

NYU Highspeed Networking Lab Network Administrator
NCTU CIA Lab Network Administrator
2017–current
I manage servers and the internal network settings. I provide computation resource and secure connectivity for my colleagues.

Logitech Inc. Guest Speaker
2020/04/14
I gave a talk about "how to give a great presentation".

Logitech Inc. Software Intern
2015/07–2016/01
I wrote a Java library for engineers to connect Logitech firmware with Android system. After that, I use R-pi to build an embedded system for color synchronization between devices.

PROJECTS, REWARDS & SCHOLARSHIP

Rank	Competition
2nd	*Logitech Hack Days 2017*, AR Remote-Control Car Driving with Gaming Force-Feedback Wheel
2nd	*Mobile Heroes 2016*, SCMan: Service Chaining Management
2nd	*Haitec Workshop 2016*, Distance Measurement with Camera Binocular vision
2nd	*MediaTek LinkIn Hackathon 2016*, e-AR
2nd	*Campus Cloud Innovative Application Competition 2014*, uSecureVote
1st	*International ICT Innovative Services Contest 2014*, SigNo Saver
Honorable Mention	*Mobile Heroes 2017*, FASIC: Fast-Recovery Adaptively-Spanning in In-Band Control Plane

2016~2020 International Training Program for Talents hosted by Ministry of Education (Taiwan)
2016 Chinese Institute of Engineers: Excellent Engineering Student Scholarship 「優秀工程學生獎學金」
2014 National Chao Tung University Wiki Partnership Fund