

# WEN-YUAN CHEN



1996/08/06



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Discharged



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## EDUCATION

- **National Tsing Hua University** Hsinchu, Taiwan  
Institute of Communications Engineering Sep. 2019 - Present
- **Feng Chia University** Taichung, Taiwan  
Department of Communications Engineering Sep. 2014 – Jan. 2019

## ACADEMIC EXPERIENCE

1. **2018 National University Competition of Python** Certified
2. **2017 IMP 2017 Conference** Publish
3. **2017 Independent Study Competition** Honorable Mention Award

## CONFERENCE PAPER

Wen-Yuan Chen, Chi-Shih Chao, "VoIP Monitoring and Management Platform for Arbitrary Architecture," The 23th Conference on Information Management and Practice (2017 IMP) , No. 46 , December 2017.

## SKILLS

<b>Website Design and Develop</b>	Node.js(Server) + HTML, Javascript, CSS
<b>Computer Vision</b>	C++ (or Python) with OpenCV
<b>Network Programming</b>	Linux C
<b>Embedded System Development</b>	Linux C (or Python) with Raspberry pi
<b>Database Management</b>	MongoDB, MySQL, PostgreSQL
<b>Communication Simulation</b>	Matlab
<b>Blockchain Technology</b>	Go language with Hyperledger
<b>Linux (UNIX) Operation</b>	Basic operation

## PROJECTS

- **HyperQL Architecture for Blockchain System** (2020). Design a HyperQL architecture to accelerate the data query speed of the blockchain system. Golang, Hyperledger Fabric
- **Web Page Login Using Face Recognition** (2018). Create a website that can log in using face recognition in order to save time and keep security. Node.js, C++, HTML, JQuery, Bootstrap
- **VoIP Monitoring and Management Platform** (2017). Build a platform that provide users to monitor and manage VoIP phone calls. Node.js, HTML, JQuery, Bootstrap

## Autobiography

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My Chinese name is Wen-Yuan Chen and you can just call me Chris which is my English name. I'm 24 years old and studying in the second year of master degree at Tsing Hua University (NTHU) and major in Communications Engineering. My hobbies are playing guitar, studying stocks and traveling. My personality is optimistic and easy-going, and I'm very willing to share new knowledge with others. When I was in college, I was appointed by my supervisor to teach students operation system, network programming, and other courses in the summer vacation, 2017. I am currently serving as a teacher assistant (TA) in two courses under my thesis advisor.

I joined the guitar club when I was in college, and I also used to be a class vice leader. Now I'm serving as a network manager in laboratory, NTHU. My mission is to maintain our laboratory website and keep the information of our lab security. By the way, I have a good relationship with my thesis advisor, and I help my advisor to filter the candidates for the laboratory.

In terms of academic achievement, I got honorable mention award from independent study competition and published a paper on domestic conference, IMP 2017. I also obtained a national python certificate in 2018. In June 2020, I got the software development intern offer from Global UniChip Corp. (GUC).

My topic of independent study in university is VoIP phone call monitoring platform which is to build a web application to provide VoIP phone call monitoring and management service. My current research field is blockchain technology. I'm aimed to optimize the blockchain query speed and keep data secure at the same time. And my thesis may develop in the direction of multimedia image processing.

## Personality Traits

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- ☐ Optimistic and easy-going.
- ☐ A team-player and usually be a "Troubleshooter" in a team.
- ☐ Keep learning without stopping.
- ☐ A hands-on guy.

## Interest

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- ☐ Software and Firmware Development
- ☐ Network Programming
- ☐ Embedded System
- ☐ Multimedia