WEN-YUAN CHEN

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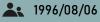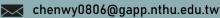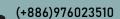
ABOUT

- **OBJECTIVE:** REALTEK, Audio System Design Engineer
- **TARGET:** Learn and Bring Benefits for the Company

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

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

   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 help the students 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 our information 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

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

Interest

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