

Yu-Cheng Liao (Toby)

Curriculum Vitae



+886 972-182-782
toby.liao@ycliao.io
<https://resume.ycliao.io/>
<https://linkedin.com/in/you-cheng-liao/>

OBJECTIVE

"With a great interest in **Software Engineering**, especially **Website Programming**, **SQL Programming**, **Networking Topology** and **CI/CD**, hope to dedicate to these field and make a contribution to the company. I am fast learner and love to team with colleague."

EDUCATION

Hong Kong University of Science and Technology 2019/20 (FT)
Master of Science - Telecommunication

Received the Entrance Scholarship (20000 \$HKD)

National Taiwan University of Science and Technology 2014/18 (FT)
Bachelor of Science - Electrical Engineering

Valedictorian of graduation ceremony in my university
NTUST Outstanding Youth Awards (11/12000 ppl)

WORK EXPERIENCE

Umbo Computer Vision™ AUG 2018 - DEC 2018 (FT)
Infrastructure Operating Engineer

Independently build up an internal FAE tool (full-stack)

Frontend: ReactJS (Material UI, Bootstrap)

Backend: Python-Flask (Restful API)

CI/CD Process (Docker, Jenkins, Kubernetes)

Elastic Search (Kibana[Query, Visualize])

Amazon Web Service (EKS, Load balance, Basic Functionality)

Key abilities Cultivation:

Independently handle a project and lead the teammate to finish works.

Umbo Computer Vision™ NOV 2017 - JUN 2018 (PT)
Software Quality Assurance Intern

Databases Query (SQLite, MongoDB)

Mock Server for production usage (Python)

Networking Structure (TCP/IP, UDP, Wireshark)

Python Programming (Pymongo, Paramiko, httpserver)

Github version control (QA team repo contributor)

Key abilities Cultivation:

Focus on Python Programming and mentor the new coming intern.

What makes me different from peers?

Responsible for Product API Testing - QA Intern

Achieved a remarkable 120% growth rate in revenue

Responsible for Android Mobile Testing: - QA Intern

Improved Efficiency of work 30% than iOS project

Developed network scanning tool for Developers - QA Intern

Reduce the daily routine time cost of 10% for Dev team.

Developed testing tool for FAE team(full-stack): - infra Eng

Reduce the daily routine time cost of 30% for FAE team.

PRACTICAL PROJECT

Query and visualize the data on web through database

It's a full-stack project with CI/CD implementation, deployed in company's domain on AWS.

Key Technology:

ReactJS, Python-flask, Jenkins, Docker, Kubernetes.

Diagnosing Insole Diseases with DNN

It's a python-base project, with a primitive user interface which help the doctor P.T. to detect the insole discomfort. Moreover, the researchers can retrieve the record and plot.

Key Technology:

Python(matplotlib), Delsis, Emg Sensor.

ACL rehabilitation with Gamming feature

Target audience are patients with the Anterior Cruciate Ligament injury and under rehab process. In this project, I am the person to lead the tech part, and deliver the pitch. We attended the Imagine Cups hold by the Microsoft.

Key Technology:

Arduino(C++), Project Management, English Presentation.

AWARDS

JUL 2018 **Microsoft Imagine Cups World Final**
Representing Taiwan to attend Final in Seattle

MAR 2018 **NTUST Outstanding Youth Award**
Selected as 11 out of 12,000 students

JUL 2015 **Best Presenter of the Day**
International Conference in Bangkok

COMPUTER SKILLS

INTERMEDIATE Javascript, HTML, CSS,
MacOS, Linux System, Clang, Golang
Kubernetes, Elastic Search, LaTeX

EXPERT Python, Unix, Docker, Jenkins

REFERENCES

Mr. Henry Soang

POSITION QAE team leader
EMPLOYER Umbo Computer Vision™
PHONE +1 (888) 449-1321 (Work)
PHONE +886-2-8751-2501

