



游煥亘

WeiXuan You

BASIC INFORMATION

Cell Phone: 0986898797
E-mail: you20610@gmail.com

Education

Master

National taipei university of technology Electronic Engineering (Computer Science) 計算機組

Bachelor

National taipei university of technology Electronic Engineering

EXPERTISE AND CERTIFICATIONS

CERTIFICATIONS

Industrial Electronics, Digital Electronics

Language

Python, C++, C

Development board

Raspberry Pi, Arduino, FPGA(PYNQ-Z2,ZCU104)

CURRICULUM VITAE

EXPERIENCE

University:

- (1)Academic Excellence Award.
- (2)Awarded Alumni Practical Project Competition Excellence Award(佳作獎).
- (3)Participated in the 2018 Microcontroller Summer Campus Elite Program course.
- (4)Participate in the Maker Festival Exhibition.
- (6)Participated in Maker Faire exhibition.

High school:

- (1)Awarded with excellence award(佳作獎) in the National Public and Private High School Science Exhibition.

WORK EXPERIENCE

- 1.Served as a teaching assistant for advanced FPGA course.
- 2.Served as a teaching assistant for the course of Artificial Intelligence.
- 3.Served as a TA for CODING365 at National Taipei University of Technology.
- 4.Participate in the self-driving car plan.
- 5.Participated in the research and development plan on key technologies of AI-based perception and fusion control for automobiles.
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PUBLICATIONS

Augmented Reality for Real Object Detection (ICCE TW)

PORTFOLIO

1. Bluetooth-controlled robot
2. Smart wearable device
3. Driving safety controller
4. Smart digital electronic clock
5. Bluetooth remote control car
6. Table tennis game machine
7. VR-enhanced learning
8. Safety inspection system
9. Smart home
10. Implement YOLOV4 on PYNQZ2(FPGA)

ABOUT ME

I usually like to implement what I have learned through programming languages, and I also use some development boards such as (Arduino, Raspberry Pi) to create small projects, which can enhance my practical experience and improve my implementation skills.

Additional

Academic Performance(學業表現):

學年期 Semester	排名類別 Ranking Type	學期成績排名 Semester Ranking			歷年成績排名 Grand Total Ranking		
		名次 Ranking	總人數 Total Student	百分比 Percentage	名次 Ranking	總人數 Total Student	百分比 Percentage
111 - 1 2022 - Fall	班級排名 Class Ranking	7	129	5.4%	1	129	0.8%
	分組排名 Group Ranking	7	129	5.4%	1	129	0.8%
	系科所排名 Department Ranking	7	129	5.4%	1	129	0.8%
110 - 2 2022 - Spring	班級排名 Class Ranking	18	130	13.8%	2	130	1.5%
	分組排名 Group Ranking	18	130	13.8%	2	130	1.5%
	系科所排名 Department Ranking	18	130	13.8%	2	130	1.5%
110 - 1 2021 - Fall	班級排名 Class Ranking	1	133	0.8%	1	133	0.8%
	分組排名 Group Ranking	1	133	0.8%	1	133	0.8%
	系科所排名 Department Ranking	1	133	0.8%	1	133	0.8%

NATIONAL TAIPEI UNIVERSITY OF TECHNOLOGY

Taipei, Taiwan, R. O. C.

Name: Wei-Xuan You(游维)

Major: Electronic Engineering

The student was a high school graduate when he/she was matriculated in the four-year program of this university.

Date of Birth: Apr. 16, 1999

Minor: ****

Date Enrolled: Sep. 2017

Date Conferred: Jun. 2021

Date Issued: Feb. 15, 2023

Degree Conferred: Bachelor of Science

Student ID: 106360701

Course	1st Semes. Credit Grade	2nd Semes. Credit Grade	Course	1st Semes. Credit Grade	2nd Semes. Credit Grade	Course	1st Semes. Credit Grade	2nd Semes. Credit Grade
(2017 - 2018)			Electromagnetics	3.0	82	Total Average "83.20"		
English in Practice	2.0	74	2.0	88	86	GPA "3.63"		
First step to achieving the goals of universities and Engineering Ethics	1.0	90	Computer Organization	3.0	86			
Chinese	3.0	87	Intellectual Property	2.0	93	Rank in Class : 6/54		
Calculus	3.0	62	General discussion of Life Science	2.0	94	FINISHED		
Physics	3.0	87	Conduct	—	82			
Introduction to Computer Science	3.0	93	18.0	78.3	23.0	86.0		
Digital Logic Design	3.0	86	Communication System Lab.	1.0	85			
Understanding the structure of programming languages	1.0	99	Application Software Design Lab.	1.0	97			
Physical Education	0.9	92	Engineering Seminar	2.0	86			
Technology Management	3.0	82	The History of Taiwan	1.0	87	1.0	83	
Digital Logic Design Lab.			Digital Signal Processing	2.0	82			
Linear Algebra	1.0	79	Computer Vision	3.0	96			
Object-oriented Programming	3.0	79	Building Deep Learning Applications	3.0	86			
Technology Marketing	3.0	99	Introduction to Art Theories	3.0	89			
Conduct	—	82	Digital Signal Processing Lab.	2.0	83			
Total Credits & Average	21.0	80.9	Special Projects (II)	1.0	95			
(2018 - 2019)			Cloud Applications Practice	2.0	96			
Physical Education	0.0	67	Complex Variables	3.0	98			
Advanced English in Practice	2.0	67	Introduction to sociology	3.0	85			
Engineering Mathematics (I)	2.0	85	Conduct	—	83	2.0	84	
Circuit Fundamentals	3.0	70	Team Creative & Average	18.0	89.6	15.0	90.3	
Electronics (I)	3.0	30	(2020 - 2021)					
Electronic Lab. (I)	1.0	93	Engineering Mathematics (I)	3.0	92			
Microcontroller Lab.	3.0	79	Circuit Theory	3.0	68			
Discrete Mathematics	3.0	84	Intelligent Things Innovation	3.0	87			
Introduction to Telecommunication Engineering	3.0	88	Interpersonal Relationship	2.0	95			
Principles and Applications of Microcomputers	3.0	96	Introduction to Artificial Intelligence	2.0	86			
Travel Japanese	2.0	68	Operating Systems	3.0	98			
Engineering Mathematics (II)	3.0	65	Intern Practice	3.0	98			
Electronics (II)	3.0	93	Advanced FPGA Design	3.0	98			
Electronic Lab. (II)	1.0	90	Conduct	—	83			
Probability and Statistics	3.0	92	Total Credits & Average	13.0	82.8	9.0	98.0	
Signals and Systems	3.0	84	139.0					

Remarks: The grading system is as follows: 80 or more=A; 70 to 79=B; 60 to 69=C; 50 to 59=D; less than 50=E; 60=the passing grade; W=Withdrawal; CW=Course Waived

Signature:

Cheng-Ming Huang

Registrar

Signature:

Jane Liou

B128337

Award and Certifications



EXPERIENCE



Maker Festival Exhibition



Combat Robot Development
Exchange Conference