

YU-LUN CHOU

Email: b07502075@ntu.edu.tw | Phone: +886-9-70819587

OBJECTIVE

As a fresh graduated student having expertise in Mechanical Design and Control Engineering, aspiring to pursue a Master's degree in Department of Robotics, Division of Mechanical Engineering for Spring 2024 at Tohoku University in Japan.

EDUCATION

National Taiwan University (NTU) **Sept. 2018-Jan. 2023**, Taipei, Taiwan

- BS in Mechanical Engineering, GPA: 4.03/4.3 (last-60-credits)
- Exchange Student Program at Aoyama Gakuin University in Japan (duration: Sept. 2022-Jan. 2023) *
- Related Coursework: Automatic Control Theory, Mechanism (Kinematics), Dynamics, Computer Programming, Practice of Mechanical Engineering, Machine Design Theory, Data Structure (In Japan)

HONORS & AWARDS

First Robotics Competition (FRC) Sacramento Regional Finalist (as team's youth mentor)	Mar. '22
Taiwan TDK Robocon UAV group Championship (Sponsored by TDK Corporation)	Fall '21
Presidential Award (top 5% of the class in the semester) *	Fall '20

RESEARCH & WORK EXPERIENCE

Researcher in Autonomous & Soft Robotics Laboratory - ME Dept. at NTU **Mar. 2023 - Present**

Advisor: Prof. Chung-Hsien Kuo (NTU)

- Continuing the research in SLAM using TurtleBot to achieve localization, navigation, and exploration.

Intern in Intelligent Robot and Automation Lab - EE Dept. at NTU **Mar. 2022 - Aug. 2022**

Advisor: Prof. Li-Chen Fu (NTU)

- Researched on mobile robot using mapping algorithm Hector SLAM to extract internal map.
- Acquainted with Robot Operating System, Linux, and relevant algorithm for AMR from scratch.

Youth mentor of team C.K. Robotics at Chien Kuo High School **Feb. 2022 - Aug. 2022**

- Guided 30+ students to fabricate and optimize the FRC Robot that performed assigned missions.

2021 Taiwan TDK Robocon (TDK Cup 25th, UAV group) **Jul. 2021 - Dec. 2021**

- Designed the structure and layout of drones and communicated with manufacturers.
- Reconstructed and arrange the practice field to manipulate drones in school.

Practice of Mechanical Engineering project: Propeller-Powered Vehicles **Spring '21**

- Designed the vehicle's structure and steering mechanism.
- Tuned PID controllers to make sure Robot arrive goal successfully.

SKILLS

Hardware/Development Environment/Language: Arduino, Raspberry, ROS, Linux, Python, C++

Mechanical: SolidWorks, Autodesk Inventor, AutoCAD; CNC Operation, 3D printing, Laser cutting

Comment: For those with *, please refer to the following contents.

CHOU, YU-LUN



出生地 / Place of birth
TAIWAN

P<TWNCHOU<<YU<LUN<<<<<<<<<<<<<<<<<<<<<
3621048341TWN0007076M3304064N126455141<<<<44



22 青学大相模発第 12 号

(Issue No. 12)

ADMISSION LETTER

Institution Aoyama Gakuin University
School / College School of Science and Engineering
Name of Student JHOU, You-Lun
Date of Birth 2000/07/07
Nationality Republic of China
Name of Home University National Taiwan Univeristy
Enrollment Period 2022/9/16~2023/3/31

The student indicated above is admitted as an exchange student of Aoyama Gakuin University for the indicated enrollment period.

May 25, 2022

Aoyama Gakuin University



Sakamoto Hiroshi

President SAKAMOTO, Hiroshi





International Center
Aoyama Gakuin University

5-10-1 Fuchinobe, Chuo-ku, Sagamihara-shi, Kanagawa 252-5258, Japan
Tel. +81(0)42-759-6034
Fax. +81(0)42-759-6035

LETTER OF ACCEPTANCE

入学決定通知

July, 2022

Enrollment Period 在学期間： 2022/9/16～2023/3/31

Department 学部/研究科： School of Science and Engineering 理工学部

Campus キャンパス：相模原 SAGAMIHARA

Status 身分：交換留学生（学部3年生） Exchange Student (3rd year undergraduate)

Dear JHOU, You-Lun,

Congratulations on your acceptance in Aoyama Gakuin University Exchange Program for 2022 academic year.

Unless you are a Japanese citizen or a student visa holder, you must apply for a student visa at your local Japanese Embassy or Consulate. For those who need to apply for a student visa, we have enclosed **Certificate of Eligibility, Admission Letter, Confirmation on foreign nationals regarding entry into Japan** (both English and Japanese).

Certificate of Registration to ERFS will be sent to you via email in July. Please be sure to take these 4 documents with you when you apply for your student visa at the embassy.

You also need to read the "Exchange Student Orientation" booklet and the "Pre-Arrival Information" carefully.

Orientation week will start on **Monday, September 12th.**

If you have any questions, please feel free to contact me via the following email address:

agu-exchange@aoyamagakuin.jp.

Looking forward to meet you here!

Sincerely,

Mikako Hirano

Exchange Program Coordinator (Sagamihara Campus)

JHOU, You-Lun さん、

2022年度青山学院大学交換留学プログラムへの合格おめでとうございます。

同封した各種書類をよく読んでください。日本国籍や留学ビザを保持していない学生は、日本大使館または日本領事館で留学ビザを申請する必要があります。該当者には「在留資格認定証明書」・「Admission Letter」及び「ファストトラック・Visit Japan 確認書（日英両方）」が同封されています。「ERFS 受付済証」を7月中にメールにてお送りします。これらの4つの書類を持参して留学ビザを申請してください。

オリエンテーションが2022年9月12日（月）に始まります。それまでに、「交換留学生オリエンテーション」及び「到着前インフォメーション」をよく読んでおいてください。

何か質問がありましたら、いつでもご連絡をください（agu-exchange@aoyamagakuin.jp）。

お会いするのを楽しみにしています！

交換留学プログラムコーディネーター（相模原キャンパス）

平野 実可子

Aoyama Gakuin University

学 生 証

(身分証明書)



有効期限裏面記載

学生番号 1 5 Y 2 2 0 0 6

理工学部 交換留学生

シウ ヲリン

JHOU, YOU LUN

2000年 7月 7日 生

2022年10月 1日 発行

東京都渋谷区渋谷 4 - 4 - 2 5

神奈川県相模原市中央区淵野辺 5 - 1 0 - 1

青山学院大学学長



Issue No. S202202

CERTIFICATE

This is to certify that below student studied at Aoyama Gakuin University as an Exchange Student under Agreement on Academic Exchange between National Taiwan University and Aoyama Gakuin University.

Name: JHOU, You-Lun (Mr)

Sex: Male

Date of Birth: 2000/7/7

Nationality: Republic of China

Student Number: 15Y22006

School/College: School of Science and Engineering

Period: October 2022-March 2023

Date: December 21st 2022



Official Seal

Sakamoto Hiroshi

SAKAMOTO, Hiroshi
President
Aoyama Gakuin University



國立臺灣大學
NATIONAL TAIWAN UNIVERSITY
TAIPEI, TAIWAN, REPUBLIC OF CHINA

Certification of Presidential Award

June 13, 2023

To whom it may concern:

This is to certify that the following student is a recipient of the Presidential Award.*

Name	CHOU,YU-LUN (周佑綸)
Student ID Number	B07502075
Date of Birth	July 7, 2000
Major	Mechanical Engineering
Number of Times Awarded	Once

*The award is given each semester to students ranking within the top 5% of their class.



Wen-Chang Chen

Wen-Chang Chen
President