# Po-Sheng 'Andy' Ser

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## Education:

**M.S** in Institute of Electrical Control Engineering,
National Chiao Tung University (NCTU), Taiwan.                    2018~present
**B.S.** in Electrical and Computer Engineering (ECE),
National Chiao Tung University (NCTU), Taiwan.                    09/2015~06/2019
National Wu-Ling Senior High School                    09/2012~06/2015

## Research Interests:

Robotic Vision, Image Recognition and Processing, Automatic Control System

## Related Courses:

JAVA Programming (A), Automatic Control Systems (A), Creative Software Project (A+), Probability(A+), Signals and Systems(A+), Design and Simulation of Control Systems, Digital Signal Processing

## Recent Projects and Professional Experiences:

**RobotX- Navigation and Obstacle Avoidance**
My research is based on the task of RobotX, which is the biggest competition of marine robot around the world. In order to construct a well performing marine robot, I have worked on **Motor Control** and **Image Recognition**.

**Teaching Assistant in Duckietown ( Creative Software Project )**
I performed as a teaching assistant during the course for a semester. From this experience, I learn a lot of skills such as ROS (Robot Operating System), Python, OpenCV, Arduino.

## Professional Skills:

**Programming:** Python, JAVA, C/C++ , Matlab
**Middleware and Libraries:** Robotic Operating System (ROS), PCL (Point Cloud Library), OpenCV
**Sensors and Hardware:** Depth Camera, Arduino sensor kit.

## Teaching Experience:

**Teaching Assistant,** Creative Software Project (Fall 2017)