

# AN XIAODONG, William

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Hong Kong

## EDUCATION

2018-2022      The Hong Kong Polytechnic University  
Engineering Physics (GPA 3.72)

2019-2020      Exchange: Georgia institute of technology  
(GPA 3.62/4.00)

The United States

## SKILLS

### Language Skills

Mandarin	Native
English	Advanced
Cantonese	Fundamental

### Computing Skills

Premiere	Quite Advanced
Photoshop	Intermediate
Word	Advanced
PowerPoint	Advanced

### Technical Skills

MATLAB	Intermediate
R	Intermediate
Arduino	Intermediate
Python	Intermediate

## ACADEMIC PROJECTS

Dec 2018- Jan 2019      Physics Club Project-"Line Tracking Car using Arduino"

- Used the Infrared sensors and several motors controlling boards to make sure the car walking along the black line.
- Programmed using Arduino.

## RESEARCH EXPERIENCE

May-June, 2018      Placement and Summer Exchange, University of Science and technology of China

- investigated the characteristics of YbNbO<sub>4</sub> mixed Eu<sup>3+</sup> at high temperature and pressure.
- Learnt skills: Research papers read; operations of SEM, XRD instruments, spectrum instruments; analysis of IR spectrum, emission spectrum, Raman spectrum.

## WORK EXPERIENCE

21 Jul-5 Aug, 2018      Engineer Assistant, Yantai Taixin Electronic technology Co., Ltd

- Test the running of IGBT(a semiconductor component) and write the relevant data.
- Help the engineer to assemble some elements of the machines.

## EXTRA-CURRICULAR ACTIVITIES

Aug 2018-Aug 2019      A member in the House of Intercultural Living and Learning (HILL) Program

- Worked on the mental health of the hall students and the held the meeting per week. I was in an inner-program called "HILL intercultural" which was dedicated to intercultural communication and had held an activity called "all black" to try to help the excluded black people.