

Yuan Liu

+86-18224862425 | +852-55735275 | yuan59@connect.hku.hk |

EDUCATION

The University of Hong Kong

PhD in Computer Science

- Supervisors: Dr R. Ramanathan and Prof. G. Chiribella

Hong Kong SAR, China

Sept. 2020 – now

Sun Yat-Sen University

Bachelor Degree in Science

- Optical Information Science and Technology
- Physics (base class)
- Supervisors: Xiaoqi Zhou

Guangzhou, China

Sept. 2016 - June 2020

RESEARCH INTERESTS

Quantum Information and Quantum Foundation

EXPERIENCE

Teaching Assistant

Cryptography

HKU

2021

Final Year Project

The Research and Application of Quantum Weak Measurement Based on Linear Optical System

SYSU

2020

Summer Internship

Implementing some quantum algorithms on IBMQ

BIT

2019

Laboratory Open Fund Project

Photoelectric Trace System based on NI-MyRio

SYSU

2019

Oral Talk at International Rehabilitation Canton Forum

Evaluation scheme for rehabilitation training which is based on 3D display

Guangzhou

2018

Club President

LabVIEW Club

SYSU

2017 - 2018

Yat-Sen Overseas Study Tour

Physics Academic Exchange Camp

Taiwan

2017

Volunteer

Fulan Physics Festival & Cross-Strait Science and Technology Exchange Camp

SYSU

2017

AWARDS

Honorable Mentions of Mathematical Contest In Modeling

COMAP; *2018*

The Third Prize of National Opto-electronic Design Competition

The Chinese Optical Society; *2018*

The Second Prize of South China Optoelectronic Design Competition

Guangdong Optical Society; *2018*

The Second Prize of Guangdong Physics Experiment Design Competition

Guangdong Physical Society; *2017*

HONORS

Postgraduate Scholarship

HKU; *2020*

National Encouragement Scholarship

2019, 2018, 2017

The Second Prize Scholarship

SYSU; *2019, 2017*

The First Prize Scholarship

SYSU; *2018*

Excellent League Member

2018

Patent : Demonstration Device based on Magnetic Suspension Steam Vehicle

2018