

# CityU-EE Alumni Sharing Special Recruitment Session

Rocket

EE PhD Year 3



Department of  
Electrical Engineering  
香港城市大學  
City University of Hong Kong

# My Background

2015 - 2019

- Bachelor degree in CityU EE

- Information Engineering (INFE)
- Computer and Data Engineering (CDE)
- Electronic and Electrical Engineering (ELEL)
- \*Microelectronics Engineering (MEE)



MEE



ELEL



CDE



INFE



# My Background

2019 - Present

- Doctor of Philosophy (PhD)
  - Achieve intellectual proficiency in a subject field
- Q1: What's your LV now?
  - Ans: LV3 (most of you)
- Q2: What's mine?
  - Hint 1: PhD Year 3
  - Hint 2: NO Master degree
  - Ans: LV5



You will have many options in CityU EE!!

\*From HK Education Bureau

# Career Path For My Friends

## Start-ups

- Entrepreneur at a start-up AI company

## Finance

- Consultant at financial company
- Data analyst at iBank
- Software engineer at iBank / Disneyland

## Government

- Analyst programmer at HKMA (金管局)
- Assistant engineer at HK EMSD (機電工程署)
- Engineering graduate at MTR (港鐵)

## Information Technology

- Networking engineer at telecommunication company
- System developer at multimedia production company

## R&D

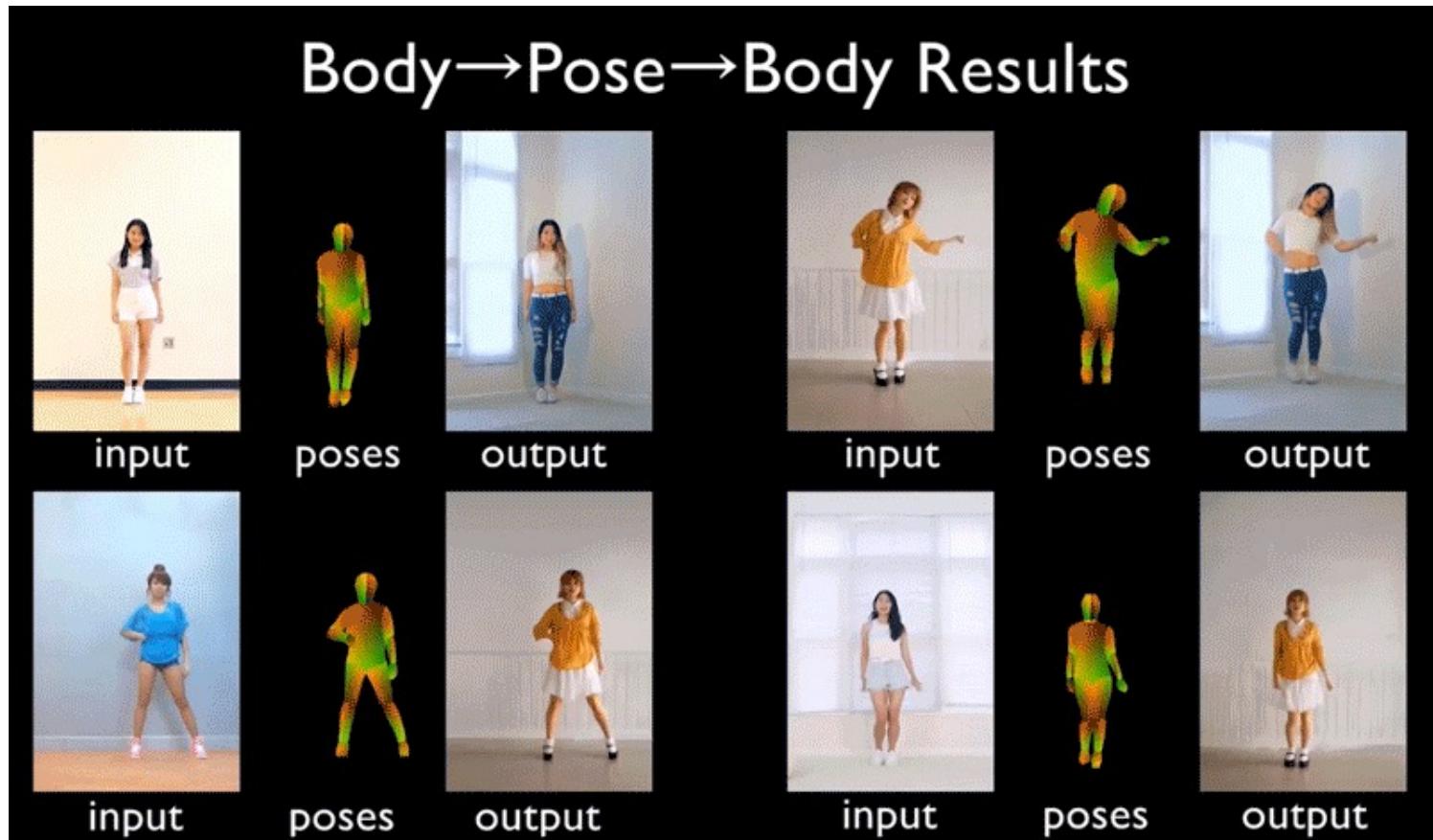
- Circuit engineer at Science Park
- System testing engineer at Science Park
- Hardware engineer at Science Park

## Further Studies

- Master degree
- Master of Philosophy (MPhil)
- Doctor of Philosophy (PhD)

# My Research Field

- **Generative Adversarial Networks (GANs)**
- A framework of Deep Learning model
  - Capture **distribution** from training data
  - Generate new data from the estimated **distribution**



# My Research Field

## ■ Generative Adversarial Networks (GANs)

### Face→Edge→Face Results



input



edges



output



input



edges



output



input



edges



output



input



edges



output

# My Research Field

## ■ Generative Adversarial Networks (GANs)



Input Labels



Style 1



Style 2



Style 3

# UG Life in CityU EE

*Chur?*

*Chill?*

*Homebody?*

*Hea?*

*No U life?*

# UG Learning Experience

## Undergrad

1. Student instructor for STEM education
2. Summer internship in UCL London UK
3. Scholarships
4. Final Year Project Awards



U1.

# STEM education

## Background

- STEM: science, technology, engineering, and mathematics
- A trend to cultivate young scientists and engineers in primary / secondary school
- Joined CityU Apps Lab to promote computational thinking

## My Role

- Workshop instructor / helper -> presentation skill
- Course material designer -> documentation skill



Knowledge from EE

U1.

# STEM education



U2.

# UK Summer Internship

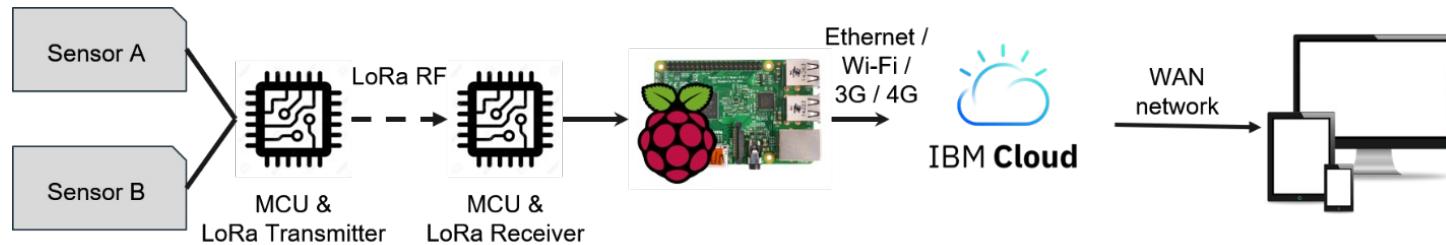
**University College London, UCL London UK**



- The top 8 University of the world (QS Ranking 2022)
- Highly competitive quotas for recommendation
- Subsidy from EE Department

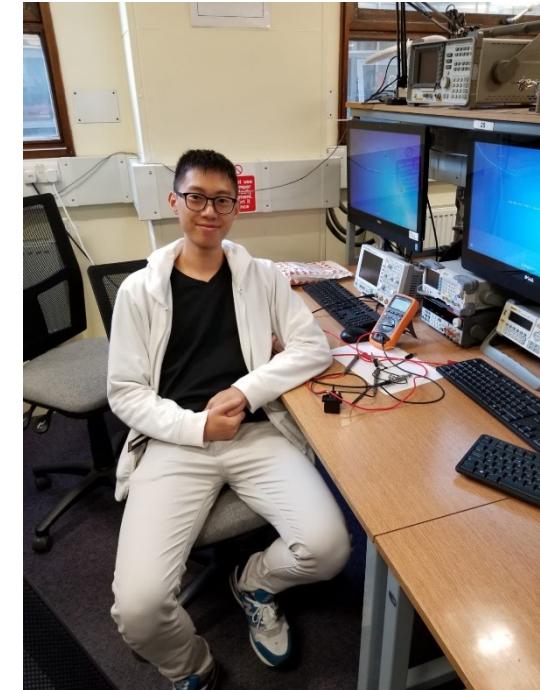
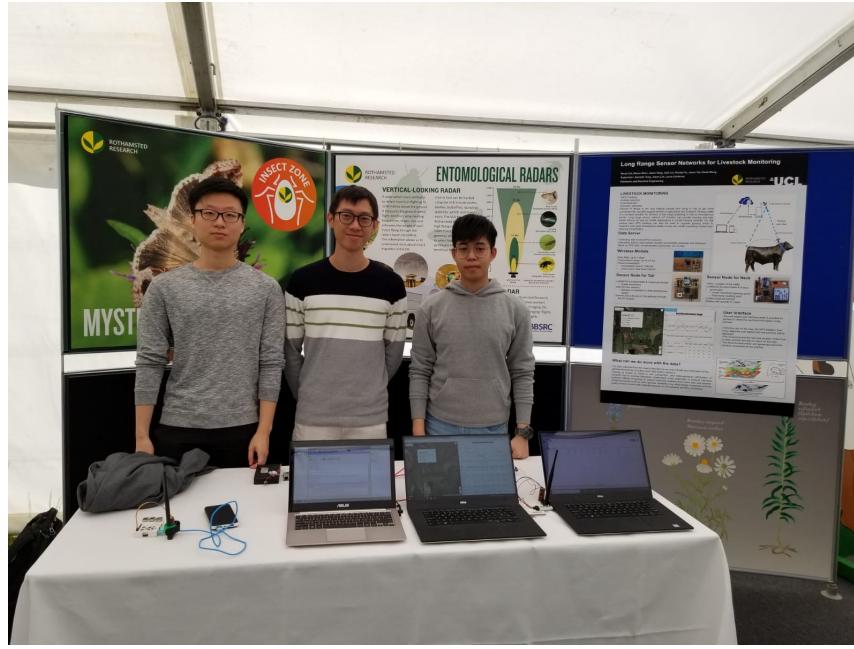
## Project

- A long-range and cloud-based solution for cow monitoring



U2.

# UK Summer Internship



U3.

# Scholarship

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- **2017 HKSAR Government Scholarship Fund - Reaching Out Award**
- **2018 CityU Scholarship**
- **2019 CityU Scholarship**
- **2019 PCCW – HKT Scholarships**

Total: \$100,000+



U4.

# FYP Award

- EE FYP Award — Bronze price
- Outstanding ASM Pacific Technology Award



Candidates: 150 -> 40 -> 6 -> 3



You're special to CityU EE.

See you in the course :)

