

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 (ELEE)
 - *Microelectronics Engineering (MEE)

MEE

ELEE

CDE

INFE



My Background

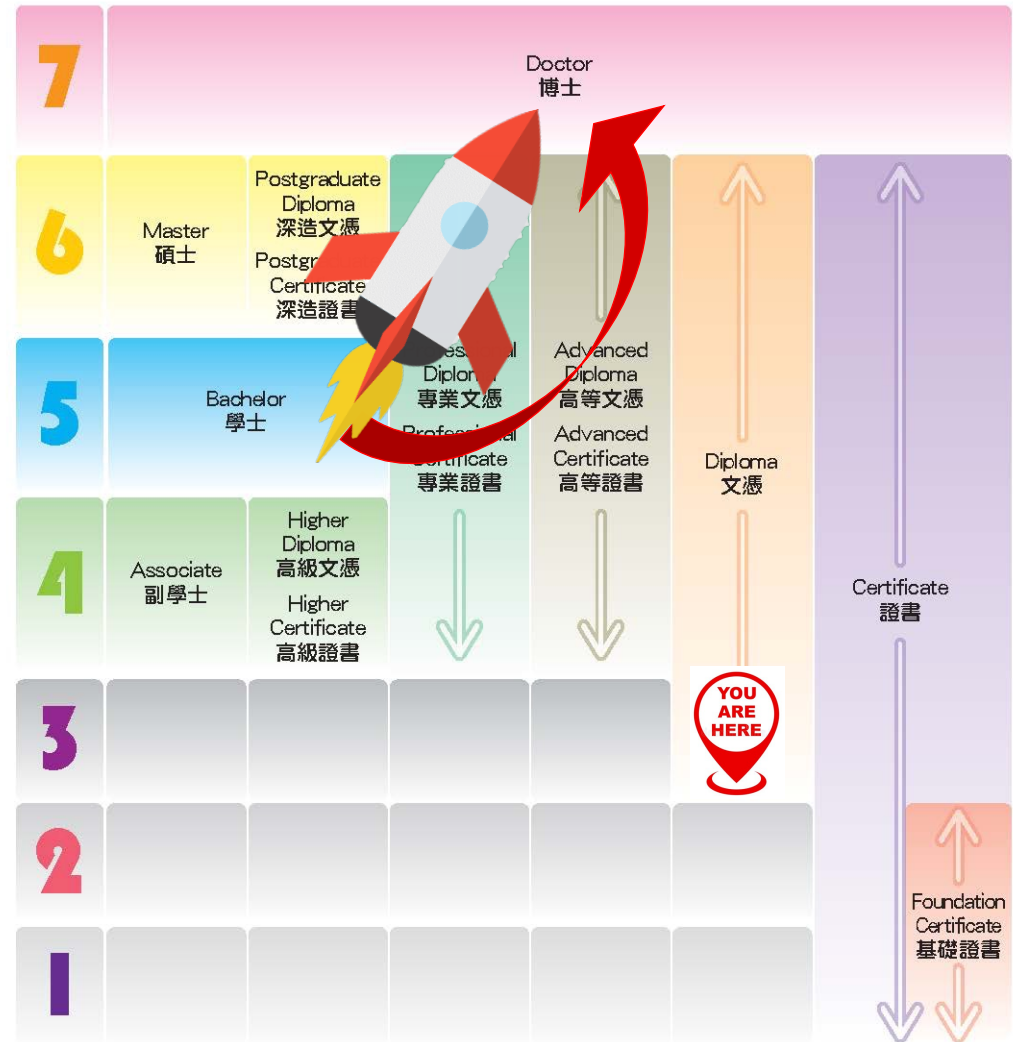
2019 - Present

- **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!!

QF Level
資歷級別

Choice of Award Titles for Different Levels
各級別可選用的資歷名銜



*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

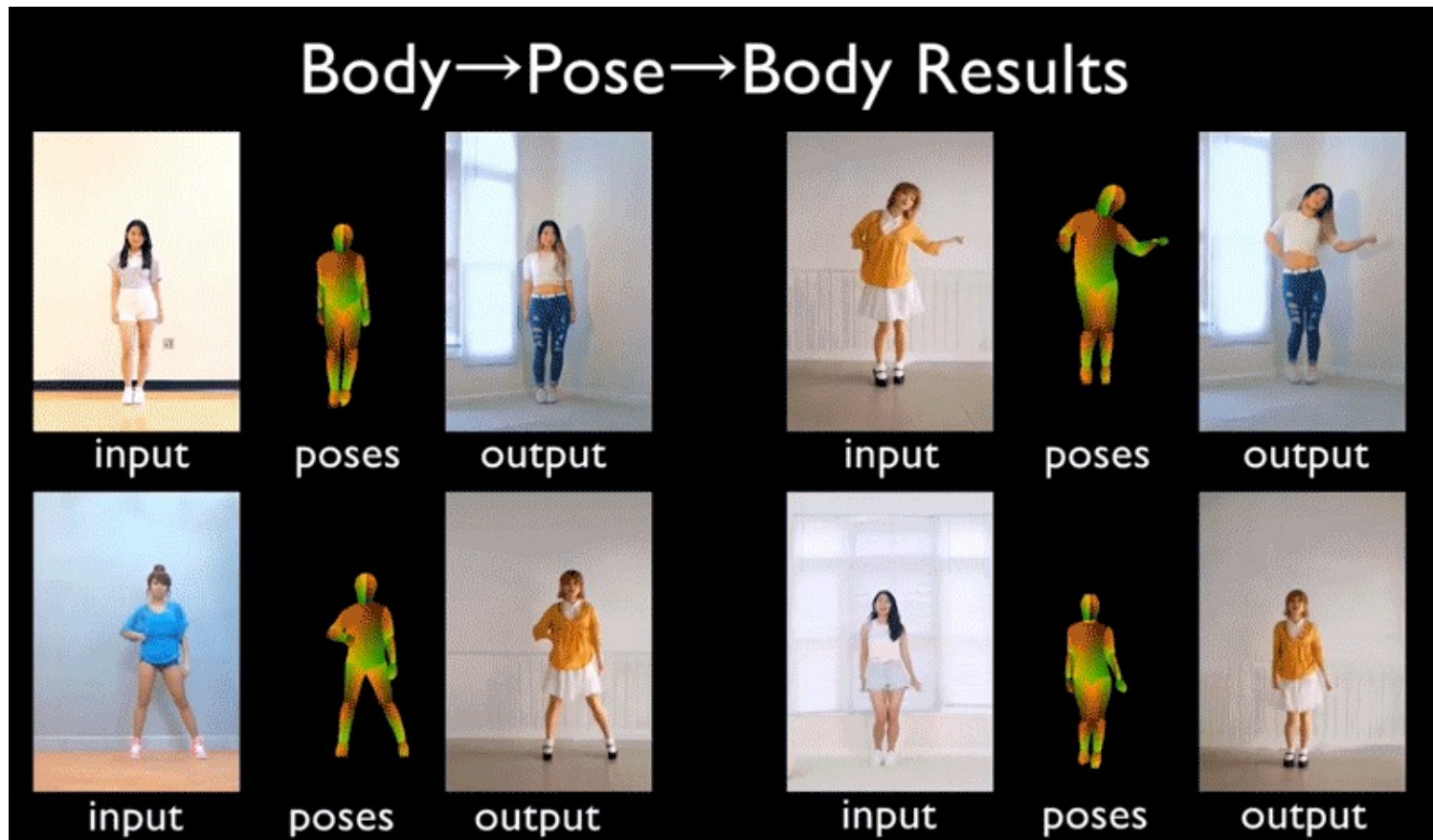
- Circuit engineer at Science Park
- System testing engineer at Science Park
- Hardware engineer at Science Park

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

Hea?

No U life?

UG Life in CityU EE

Chur?

Chill?

Homebody?



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

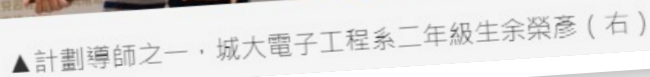
- STEM: science, technology, engineering, and mathematics
- A trend to cultivate young scientists and engineers in primary / secondary school
- Joined CityU Apps Lab to promote computational thinking

My Role

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



Knowledge from EE



U2. UK Summer Internship

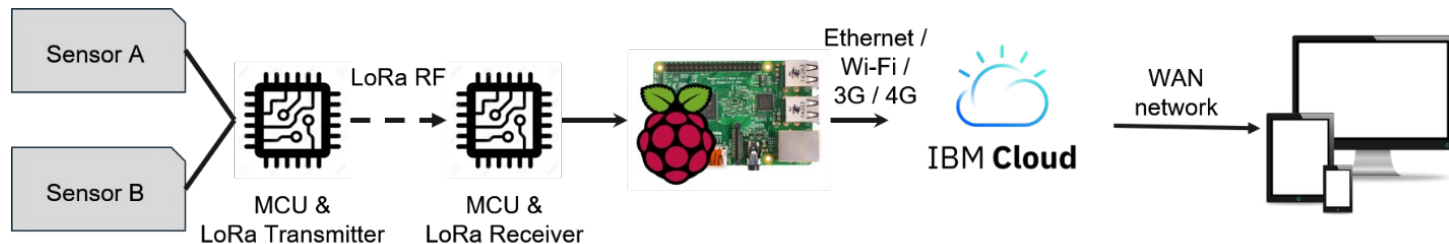
University College London, UCL London UK



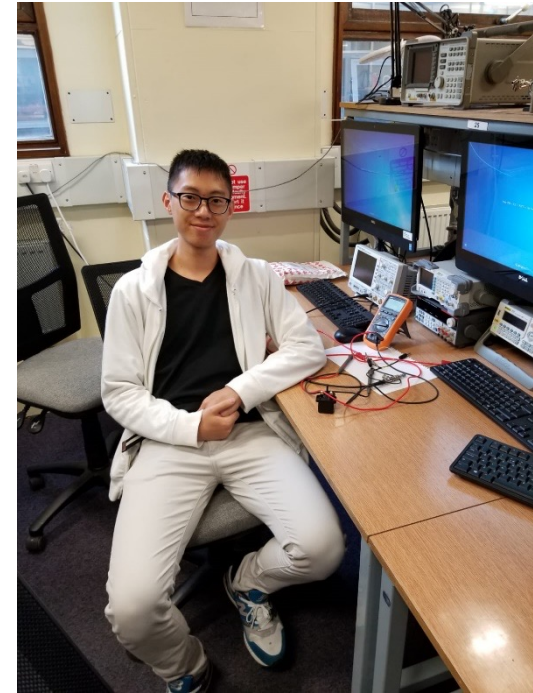
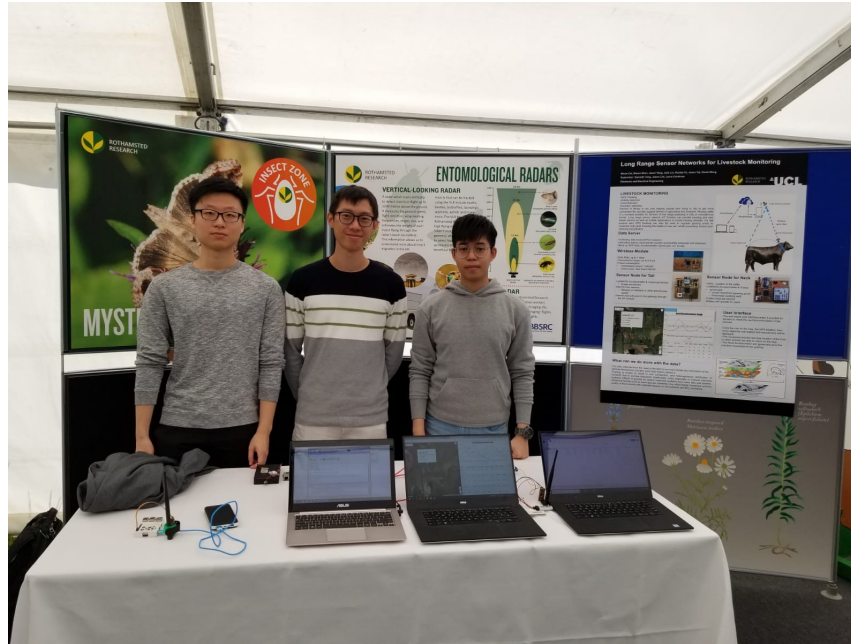
- The top 8 University of the world (QS Ranking 2022)
- Highly competitive quotas for recommendation
- Subsidy from EE Department

Project

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



U2. UK Summer Internship



U3. Scholarship

- 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 :)