

# Alex Ling

PHD CANDIDATE IN COMPUTER SCIENCE

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## Education

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### City University of Hong Kong

PH.D. IN COMPUTER SCIENCE

*Hong Kong*

*Sept. 2017 - PRESENT*

I am doing PhD research in EdTech, Optimization Theory and Graph Theory under the supervision of Dr. Tan Chee Wei

### City University of Hong Kong

B.SC. IN APPLIED PHYSICS

*Hong Kong*

*Sept. 2013 - July. 2017*

- Majored in Applied Physics and minored in Computer Science
- Graduated with Upper Second Honor
- On the Dean's List for 4 times
- My final year research report was awarded as Outstanding Academic Papers by Students (OAPS)

## Experience

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### AlgebraGamification Project, City University of Hong Kong

PART-TIME STUDENT HELPER

*Hong Kong*

*Nov. 2016 - Aug. 2017*

- Maintained and updated several Unity game projects
- Developed Messenger bots and web admin panels
- Developed internal tools
- Maintained production server (Debian)

### SillyCube Ltd.

SOFTWARE ENGINEER INTERN

*Hong Kong*

*Summer 2016*

- Maintained internal iOS/Node.js projects
- Developed an iOS app for the company to demo to customers
- Maintained internal development server (Ubuntu)

## Honors & Awards

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### SOFTWARE DEVELOPMENT

Jun. 2016 **Grand Prize**, AngelHack

*Shen Zhen, China*

Apr. 2016 **Think Out of The Box Award**, HackUST

*Hong Kong*

### ACADEMIA

Mar. 2018 **Outstanding Academic Papers by Students**, City University of Hong Kong

*Hong Kong*

2013 - 2017 **Dean's List** ×4, City University of Hong Kong

*Hong Kong*

Sept. 2013 **Half Tuition Fee Scholarship**, City University of Hong Kong

*Hong Kong*

## Publication

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### CONFERENCE PAPERS

#### ICDM 2018

HUMAN-ASSISTED COMPUTATION FOR AUTO-GRADING

*Singapore*

*Nov. 2018*

#### L@S 2018

PILOT STUDY ON OPTIMAL TASK SCHEDULING IN LEARNING

*London, UK*

*Jun. 2018*

## Talks & Seminars

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### Seminar at CCCN (Centre for Chaos and Complex Networks), CityU HK

*Hong Kong, Hong Kong*

PROVING INEQUALITIES IN INFORMATION THEORY: THEORY, COMPUTATIONAL CHALLENGES AND SCALABLE SOLUTIONS

*Oct. 2018*

## Teaching

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### CS 2115 Computer Organization

TEACHING ASSISTANT

*Semester A, 2018/19*

### CS 2468 Data Structure and Algorithms

TEACHING ASSISTANT

*Semester B, 2017/18*

### GE 2315 Security and Privacy in the Information Age

TEACHING ASSISTANT

*Semester A, 2017/18*