

## EDUCATION

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**The Hong Kong University of Science and Technology** **Aug 2017 – Present**

- Pursuing Master of Philosophy in Computer Science

**The Hong Kong University of Science and Technology** **Aug 2013 – June 2017**

- Bachelor of Computer Science
- Graduated with First Class Honors

**Overseas Family School, Singapore** **Feb 2009 – June 2013**

- Attained IB Diploma

## WORK EXPERIENCE

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**Teaching Assistant** **HKUST** **Aug 2017 – Jan 2019**

- Worked as teaching assistant for Computer Networks, Java Programming and Python Introduction courses
- prepared course materials, ran lab sessions and wrote automated scripts for assessing assignments

**Software developer, Intern** **FutureRobot.Co.,Ltd (Korea)** **Winter 2016**

- Participated in application development and some optimization works on top of .NET and html framework

**Software developer** **Robotics Team, HKUST** **Dec 2014 – Dec 2015**

- Developed robot controls with STM32 microcontroller, involving sensors and actuators
- Received regional champion in 14<sup>th</sup> ABU Robocon in Hong Kong

## TECHNICAL EXPERIENCE

### Projects

- **Guacamoli** [www.guacamoli.ust.hk](http://www.guacamoli.ust.hk) (2017). Platform for viewing university canteen meal offerings. Took charge in back-end development. *Linux, Node.js, PostgreSQL*
- **VR Squash game** (2016). VR squash game using Google Cardboard and Wii remote. *Unity, C#*
- **Buy Poker** (2015). Modified real-time Poker game with AI and multiplayer capabilities. Players bid for each cards for better combination in hand. *Unity, C#*
- **Ubuntu Drawing Tool** (2015). Paint program with image layers and functionalities like undo and redo. *QT, C++*

## ADDITIONAL EXPERIENCE AND AWARDS

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**Cathay Pacific Hackathon:** Awarded 2<sup>nd</sup> prize for Flight Assistant Chat-Bot project, out of 30 teams **2016**

**CodeIT Suisse Competition:** Participated and created a stock trading bot **2016**

**University Dean's List** **2016**

**University Talent Development Scholarship (10,000HKD)** **2015**

**ABU Robocon, regional competition HK:** Received champion out of 8 universities **2015**

**HKUST KSA Band:** Played drums as one of the founding members **2014~2018**

**HK 1<sup>st</sup> E-sports tournament:** assisted two StarCraft II Korean players as Korean-English translator **2013**

## SOFTWARE SKILLS

### Languages

Familiar: Java, C#, C++, JavaScript, Python

Basic: C, Visual Basic, HTML, CSS, SQL, MIPS assembly

### Technologies

Prior experience: Unity, Node.js, Android, QT, OpenCV