

EDUCATION

- **Hong Kong University of Science and Technology** HK
Masters of Philosophy in Computer Science *Aug. 2017 – Present*
- **Hong Kong University of Science and Technology** HK
BSc in Mathematics and Economics and Computer Science, First Class Honors *Aug. 2013 – July 2017*

EXPERIENCE

- **Hong Kong University of Science and Technology** HK
Research and Teaching Assistant *Sep 2017 - Present*
 - **Research Assistant - Ranking Visualization:** Research on visualizing and analyzing multi-variate ranking data, the goal being to create a holistic system that does ranking forecasting as well as analyzing.
 - **Teaching Assistant - Algorithm Design and Analysis:** Responsible for teaching a tutorial section weekly as well as aiding students with any issues they have. This has made me a better communicator and deepened my understanding of the subject.
- **theLoveComes** HK
Technological Marketing Consultant *Summer 2017*
 - **Marketing Intern:** Evaluated clients marketing strategies and planned marketing campaigns to be executed over 6 months time.
- **Koding Kingdom** HK
Content Creator and Tutor *Summer 2016*
 - **Content Generator:** Created tutoring materials for young adults to learn Python as well as SQL. These materials included 12 weeks worth of lecture notes as well as custom made assignments and exercises.
 - **Tutor - Python and Javascript:** Taught young adults how to use Python and Javascript in a front-end setting. Led class sizes of 8 - 10 students through the course single-handedly.
- **Kachick** HK
Co-founder *Aug 2015 - Aug 2016*
 - **Website Creation:** Co-created an app that allows you to call photographers to your location on-demand, like an Uber for photographers. Helped create the website using Node as well as creating database with pSQL.

ACHIEVEMENTS

- **IEEE VAST 2015 Honorable Mention:** Received the Honorable Mention Award for our submission to the IEEE VAST Challenge 2015.
- **2015 Mr Armin and Mrs Lillian Kitchell Undergraduate Research Award:** Received this Research Award for my report written during UROP (Undergraduate Research Opportunities Programme). The report was on the creation of a visual system to analyze movement within a given space.
- **Buy Poker:** A Poker Variant game created for my FYP, along with a fully functioning AI that was created using a variant of MCTS.

PROGRAMMING SKILLS

- **Languages:** Python, Javascript, C++, SQL, Java **Technologies:** Node, React, Vue, MPI

LANGUAGES

- **Fluent:** English, Hindi, Punjabi
- **Intermediate:** Mandarin