

CHRISTINE KING CHONG CHENG

✉ christinekc.cheng@gmail.com | 🏠 christinekc.com | 🔄 christinekc | in christinekcc

EDUCATION

- Trinity College, University of Toronto** | Toronto, ON Sept 2015 - Present
- Bachelor of Science: Computer Science Specialist (Focus in AI) with Statistics Minor
 - Expected graduation date: April 2019
 - Department of Computer Science Undergraduate Ambassador
- Cheltenham College (Years 12 - 13)** | Cheltenham, UK Sept 2013 - June 2015
- GCE A-levels: Economics (A), Mathematics (A*), Physics (A*)

WORK EXPERIENCE

- Research Assistant** | Faculty of Law, University of Toronto Oct 2017 - Present
- Working with Professor Albert Yoon and Professor Adriana Robertson on a project about the labour market for lawyers
 - Prepare and analyze data using R
- Software Developer Intern** | Cloud Constable June 2017 - August 2017
- Tested and further developed the algorithm for determining the direction of sound source
 - Programmed servo motors, which control the direction of movement of the robotic head
 - Solution will be entered into the IBM Watson AI XPRIZE competition
- Research Assistant** | Department of Physics, University of Toronto May 2016 - June 2016
- Worked on a project titled Radio-frequency Electronics for Laser Stabilization through the [U of T Physics Summer Undergraduate Fellowships Award](#) program
 - Designed a printed circuit board, and built an amplitude and frequency driver for the acoustic optic modulator

PROJECTS

- GrocerEase** | Queen's International Innovation Challenge Ongoing
- Prepare and analyze food security and nutrient intake data using R
 - Build a solution with Python and Twilio that optimizes nutrient intake using machine learning depending on location and food prices and give recommendations for grocery shopping
- Education Networking Tree** | RBC Next Great Innovator Hackathon 2017
- A cross-platform skill learning app to facilitate knowledge and idea exchanges in the work space
 - Built with Angular, Ionic, Cordova, HTML, CSS, JavaScript and Firebase
- Dynamic User Driving Enhancement** | GM Hack AI: First Place 2017
- A personalized assistant for level 3 autonomous driving cars with functionalities tailored towards different demographics
 - Built with the NGI SDK, HTML, CSS, JavaScript, Python and the Google Maps API
- CAPTCHA Solver** | Hack MIT Puzzles 2017
- Built a neural network with Python, Keras and Tensor Flow
- Text MD** | Break Inequality Hackathon: Most Creative Use of the Twilio API Award 2016
- An interactive server accessible through SMS that can diagnose a patient's condition in real time
 - Built with Twilio, Flask, Python and the Infermedica API

AWARDS & QUALIFICATIONS

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| 2015 - 2017 | University of Toronto: Dean's List |
| 2016 | University of Toronto: Chancellor's Scholarship - Ashbaugh for high academic achievement |
| 2015 | ATCL (Associate of Trinity College London) Diploma for Piano |
| 2014 | UKMT (United Kingdom Mathematics Trust) Senior Mathematical Challenge: Silver |

SKILLS

Programming Python • C • C++ • Java • R • HTML • CSS • JavaScript • SQL • Git

Languages English (Fluent) • Cantonese (Fluent) • Mandarin (Basic)