CHRISTINE KING CHONG CHENG

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EDUCATION

Trinity College, University of Toronto | Toronto, ON Sept 2015 - Present
- Program of study: Computer Science Specialist
- Expected graduation date: June 2019

Cheltenham College (Years 12 - 13) | Cheltenham, UK Sept 2013 - June 2015
- GCE A-levels: Economics (A), Mathematics (A*), Physics (A*)

WORK EXPERIENCE

Software Developer | Cloud Constable June 2017 - Present
Assist in the development and testing of a 3D-animated graphical agent, voice-controlled user interface, and encrypted multimedia communications back-end, which will be part of the the solution to be entered into the IBM Watson AI XPRIZE competition.

Research Assistant | Department of Physics, University of Toronto May 2016 - June 2016
- Worked under Professor Amar Vutha 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 using KiCAD
- Built an amplitude and frequency driver for the radio-frequency signal used by the acoustic optic modulator

PROJECTS

Dynamic User Driving Enhancement | GMhackAI: First Place 2017
- A personalized assistant for level 3 autonomous driving cars with functionalities tailored towards different demographics
- Built using the NGI SDK, JavaScript and Twilio

What's Happening | UofT Hacks 2017
- A multi-platform app for discovering the latest nearby events
- Built with AngularJS and Firebase
- Ionic was used in conjunction with Cordova

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
- Can be used to help improve dissemination of health care knowledge of third world countries
- Built with Twilio and the Infermedica API

AWARDS & QUALIFICATIONS

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	Cheltenham College: Sixth - Form Endeavour Award
2014	UKMT (United Kingdom Mathematics Trust) Senior Mathematical Challenge: Silver

SKILLS

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

Operating systems Mac OS • Linux (Ubuntu) • Windows

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