

Cristyn Howard

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EDUCATION

University of Toronto, St. George

B. Sc. Statistics, Minor Comp Sci, Expected 2020

White Oaks Secondary School

International Baccalaureate Diploma, 2013

TECHNICAL SKILLS

More experience with: Python, Java, C, Git, REST.

Experience with: Javascript, MongoDB, HTML/CSS, Scheme, mySQL, R.

RELEVANT WORK EXPERIENCE

Coach **Hatch Canada**

Fall 2017

Ran school programs for kids learning to code. Taught programming fundamentals and provided individualized feedback to young students working through coding projects.

Radio Engineering Student Intern **Bell Mobility Radio**

Summer 2016

Performed trend analysis on aggregate service call ticket data for radio towers in Ontario.

Product Development Intern **SubtleTV**

2015

Drafted & revised UX/UI designs. Beta tested & bug reported on product iterations.

PROJECTS

Connect Four Twitter Bot

Built [@BotConnectFour](#) using Python, a Ubuntu VPS, and a MongoDB instance, which interacts with the Twitter API to emulate the board game Connect Four.

Art Bots

Built [@art_museum_bot](#), which uses the [Harvard Art Museums API](#) to tweets objects from the HAM archives, and [@p0em_bot](#), which tweets poems from the [Poemist Random Poem API](#).

Java Restaurant PoS

Designed & built a restaurant order management software as part of an intensive group software design project.

Arduino Reactive Circuits

Designed & built circuits for the Arduino Uno, including a [tiny stabbing robot](#), a [Morse Code encoder](#), and a [piezoelectric music box](#).