Cristyn Howard

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EDUCATION

University of Toronto

White Oaks Secondary School

B. Sc. Applied Mathematics, Expected 2021 International Baccalaureate Diploma, 2013

TECHNICAL SKILLS

More experience with: Java, Python, Git, REST

Experience with: JSP, Javascript, Node, React, Express, EJS, HTML/CSS (LESS, SASS), Scheme, R, mySQL, MongoDB, Docker, Perforce, Ruby (Chef)

RELEVANT WORK EXPERIENCE

Intuit — Software Developer Intern

June 2018 - August 2019

Modified and maintained TurboTax Online Canada, ensuring product quality and CRA compliance for the 2018 tax year. Contributed to a proof-of-concept stack migration aimed at supporting Canadian tax preparation on the US platform.

Hatch Canada — Coding Instructor

Fall 2017

Ran workshops, teaching programming fundamentals to young students working through coding projects.

Bell — Radio Engineering Student Intern

Summer 2016

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

RELEVANT COURSE WORK

Software Development (CSC207), Intro to Theory of Computation (CSC236), Data Structures & Analysis (CSC263), Computer Organization (CSC258), Probability with Computer Applications (STA247)

PROJECTS

Connect Four Twitter Bot

Built <u>@BotConnectFour</u> 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 <u>@art museum bot</u>, which uses the <u>Harvard Art Museums API</u> to tweets objects from the HAM archives, and <u>@p0em bot</u>, which tweets poems from the <u>Poemist Random Poem API</u>.

Arduino Reactive Circuits

Designed & built circuits for the Arduino Uno, including a <u>tiny stabbing robot</u>, a <u>Morse Code encoder</u>, and a piezoelectric music box.