Cristyn Howard

cristyn.howard@mail.utoronto.ca
cristynhoward.github.io

EDUCATION

University of Toronto	B. Sc. Applied Mathematics, Expected 2021
White Oaks Secondary School	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 @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.

Arduino Reactive Circuits
Designed & built circuits for the Arduino Uno, including a tiny stabbing robot, a Morse Code encoder, and a piezoelectric music box.