

SARAH ROSE HASSAN

COMPUTER SCIENCE CO-OP STUDENT

github.com/sarahrosehassan
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CAREER SUMMARY

4 years of youth education experience
1 year retail cash handling experience
Career changing to computer science
Seeking Summer 2021 Co-op

UNIVERSITY PROJECTS

FILE ENCRYPTION SCHEME

Encrypts and decrypts any computer file
Studied cryptography and file handling
Python | Awarded 100% Grade
Academic Course: CPS109
[Github / encrypt-file](#)

LIST ARITHMETIC OPERATOR

Adds, subtracts, multiplies, divides lists
Studied object-oriented concepts
Python | Awarded 100% Grade
Academic Course: CPS109
[Github / cauchy-list](#)

PRIME NUMBER SEARCHER

Finds the 1st - 30 000th prime under 1 min
Studied time complexity of algorithms
Java | Passed All Unit Test Cases
Academic Course: CPS209
[Github / prime-numbers](#)

WORK EXPERIENCE

CASHIER (FULL-TIME CONTRACT)

Shoppers Drug Mart | 2019

- Exhibited professionalism in resolving all customer inquiries, establishing rapport
- Consistently provided a courteous service, increasing loyalty program signups by 20%

ART INSTRUCTOR ASSISTANT (FT CONTRACT)

Design Exchange & Artbarn School | 2017 - 2018

- Undertook difficult situations among children such as bullying and noncompliance maintaining a welcoming learning environment
- Spoke formally with parents about daily activities improving parent-instructor communications

MATHEMATICS TUTOR (PART-TIME)

Marshall McLuhan Catholic Secondary School | 2015 - 2017

- Motivated and inspired confidence in students Grades 9-11 by providing support and advocacy with academic work
- Shared passion for mathematics

EXTRA-CURRICULAR

SUSTAINABILITY SOFTWARE PROPOSAL SPEAKER

WITM International Hackathon | 2021

- Collaborated to develop a website, app and chrome extension that encourages consumers to support sustainable businesses when shopping online
- Overwhelmingly positive feedback from industry professionals from IBM, Shopify and HP describing delivery as "well-spoken," "excellent," and "passionate"

EDUCATION

RYERSON UNIVERSITY

BSc Computer Science (Co-op) 3.81 GPA | 2019 - Present

- Bachelor's Scholarship Awarded By Canada's Private Sector Union
- Programming: Python, Java, C, UNIX, Data Structures, Git
- Mathematics: Linear Algebra, Calculus, Discrete Math

MARSHALL MCLUHAN CATHOLIC SECONDARY SCHOOL

Ontario Secondary School Diploma 90% GPA | 2014 - 2018

- Bronze Medal Toronto Science Fair Awarded By University of Toronto
- Waterloo Newton Physics Contest Distinction (50th Percentile /1721)
- Waterloo Pascal Math Contest Distinction (4th Place /42)
- AP Calculus AB Exam, AP English Literature Exam
- Community Involvement Excellence Scholarship