

Shannon Veitch

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Work Experience

Ottawa Catholic School Board

July-August 2016

Planning Assistant

- Provided administrative support to the Planning & Facilities department
- Converted architectural drawings into electronic files

City of Ottawa

September 2015-June 2016

Lifeguard & Swimming Instructor

- Mentored a Water Safety Instructor in training
- Prepared lesson plans and taught swimming lessons
- Assessed skills and provided written and oral feedback to parents and children

GoodLife Fitness - Fit4Less

July 2015-June 2016

Associate

- Processed new memberships and updates to member information
- Welcomed visitors and provided information

Education

University of Waterloo – Bachelor of Mathematics, Honours – 89.4% average

2016-2021

Projects

Chatbot

December 2016

- Created a chatbot in Python based on the ELIZA chatbot
- Developed a script for analyzing inputted text and responding to word patterns

RSA Implementation

November 2016

- Implemented RSA Scheme in Racket
- Generated a list of large primes, used Extended Euclidean Algorithm and modular exponentiation to encrypt and decrypt integer messages

Website – shannonveitch.me

August 2016

- Built personal website in HTML and CSS

The Perfect Choice

February 2016

- Created application that assists users in identifying pros and cons and calculating their 'Perfect Choice'
- Final project for grade 12 Computer Science course, written in ActionScript 3.0

Awards & Scholarships

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- University of Waterloo Dean's Honours List
 - University of Waterloo President's Scholarship of Distinction
 - Holy Trinity Catholic High School, Mathematics Award

Fall 2016

Fall 2016

Spring 2016

Skills

-
- Experience with Python, Java, Racket, Visual Basic, ActionScript, HTML, and CSS
 - Ability to work under pressure
 - Analytical and detail-oriented
 - Fast learner and self-motivated
 - Excellent organizational and prioritization skills
 - Fluent in French and English