

# Liam A. Jones

## Contact Information

ljones1997@hotmail.com

(289) 828-2949

## Computer Science Skills

### Languages

C, Java, Python, HTML, PHP, CSS, JavaScript, Assembly

### Skills

Object-Oriented methods, UI Design, Web Development, Database Management, Complex Logic Understanding/Compression, Low-Level Engineering, Android App Development, Complex Algorithms and Data Structures, Regular expressions, Linux/Windows Development, Software Engineering Practices, Simulation Design

### Projects

#### Chat System

-Reddit style chat system supporting user login and multiple chat streams

#### Ncurses (C) Terminal Games

-Rogue remake including; pattern controlled monsters, loot gathering and fighting systems, room layout drawing based off text files.  
-Pacman remake including; AI controlled enemies and dynamic level generation

#### Personal Homepage

-Web Homepage featuring favourite pages links, yahoo weather, google maps and Outlook Rest API to learn proper web development practices

## Work Experience

### University of Guelph, Guelph, ON.

(September – December 2018)

#### Teaching Assistant

While nearing the end of my degree at the University of Guelph, I was able to experience the other end of the spectrum working as a TA for the course, CIS 2030. This experience was allowed me to formally put into practice many of the teaching concepts I have learned over the years and allowed me to deepen my understanding of the low level concepts involved.

### Marilu's Market, Burlington, ON.

(2013-2015)

#### Grocery Clerk

Continued Part-time

For several years, I was immersed in a thriving, local, high end Farmer's market that caters to Customer Service with unique Grocery, Deli and Meat products. As well as Stocking shelves, Facing products, Bagging, and General customer assistance, I was responsible for training new employees.

### Wilsons Lifestyle Center – Landscaper

April-September 2018

### IFCO, Guelph ON. - General Labourer, Flexible Department work

2017-2018

### Pioneer Pools, Burlington, ON. – Shipping/Receiving

Apr-Sept 2016

### Burlington Post, Burlington, ON. - Newspaper Delivery

2010 – 2013

## Education

### University of Guelph

(2015 – Present)

### Bachelor of Computing, Computer Science and Minor in Mathematics

Currently enrolled in year four.

### Nelson Secondary School

(2011 – 2015)

Graduated, at Academic level.

## Relevant Courses

CIS 3760 Software Engineering V

CIS 3120 Digital Systems

CIS 2030 Structure & Application of Microcomputers

CIS 3150 Theory of Computation

CIS 2460 Modelling of Computer Systems

CIS 2750 Software System Development & Integration

CIS 3490 Analysis & Design of Computer Algorithms

CIS 2430 Object Oriented Programming

CIS 2910 Discrete Structures in Computer II

CIS 2170 User Interface Design

MATH 1210 Calculus II