**Erik Hoffman**

**Residence:**

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Guelph, Ontario  
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**Work Objective:**

My work objective is to find a position that allows me to use my strong background in computer science and software engineering skills to work on innovative technologies and advancements. In combination with these credentials I would apply my well developed team working abilities gleaned from both my work experience and software development lifecycles. I believe that both of these areas go hand-in-hand in creating successful projects.

**Education:**

**University of Guelph:**  Major: Bachelor of Honours Computer Science   
Minor: Mathematics   
September 2012 - Present

**Bradford District High School:**  Graduated Fall 2011 Graduated as an Ontario Scholar

**Work Experience:**

**Dish Washer/Line Chef**  The Maid's Cottage, Newmarket, Ontario August 2011-August 2012 Phone: 1-905-954-0202

**Dish Washer**

Guelph Lake Commons, Guelph, Ontario

June 2013-September 2013

Phone: 1-226-706-1535

**Power Washing**

Waterworks Powerwashing Solutions, Guelph, Ontario

June 2013-Present

Phone: 1-519-803-8144

* Train new employees to meld them into a safe, efficient and enjoyable workplace environment
* Maintain safety measures around dangerous equipment (power washer, gas, etc.)

**University of Guelph**

Software Development Projects

**Truform Workout App**

please see: <https://bitbucket.org/instant05/cis-3760-naddateam>

Myself and three of my peers wished to go out of the scope of the project set by our professor and work with gesture recognition technology via a smartphone app. My work in Truform revolved around the algorithm development, data handling and parts of the UI. The code I developed was responsible for analyzing the data measured by gyroscope and accelerometer in order to display to a user if their workout form was correct, average or poor. Our group set ourselves a respectable goal and achieved everything we wanted to accomplish.

**Notable CIS Courses Completed**

Data Structures

Networking (including web development)

Operating Systems

Discrete Mathematics

Algorithms

Security

Microprocessors

Theory of Computation  
Databases (SQL, Tables/Structures, Good design fundamentals)   
Artificial Intelligence  
File Storage Structures and Data Retrieval

**Programming Languages**

C/C++

Java

Python

Ruby

HTML/Javascript/CSS

Assembly  
MySql

**Volunteer Work:**

Reading Buddies Program September 2008 - June 2009 Bradford Public Library

* Assisted a child in improving their reading abilities for an entire school year

**References Available Upon Request**