Erik Hoffman

Residence:

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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: August 2011-August 2012
The Maid's Cottage, Newmarket, Ontario
Phone: 1-905-954-0202

Power Washing: June 2013-Present
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 and chemicals)

University of Guelph
Software Development Projects:

Truform Workout App please see: https://bitbucket.org/benbaird/truform

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

Programming Languages Known
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