Erik Hoffman

Address: 12 Knevitt Pl. Guelph, Ontario, N1G2S7   **Home Phone#**: 1-289-383-4992   **Email**: erik_hoffman@outlook.com

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:

Bachelor of Computer Science Honours
Mathematics Minor
Fall 2012 - Fall 2016

Bradford District High School:

80+ average all 4 years
Graduated as Ontario Scholar
Graduated in 2011

Work Experience:

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 Projects:

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

- Group project with goal of using gesture recognition to analyze workout form using an arduino computer paired with an android app
- My responsibilities were to design and implement the algorithms for real time data analysis polled from gyroscope and accelerometer
- Our group accomplished our goal and the project was well received by our professor

Notable Courses Completed

Data Structures	Networking and Web Development	Operating Systems	Discrete Mathematics
Combinatorics and Graph Theory	Algorithms	Security (RSA and prime mathematics)	Microprocessors and Assembly
Theory of Computation	Databases (SQL, Table/Structures, Relational Query Design, Design Fundamentals)	Artificial Intelligence	File Storage Structures and Data Retrieval

Programming Languages Used

C (proficient), **C++**(intermediate), **Java** (intermediate), **Python** (intermediate/proficient), **Ruby** (basic**), HTML/Javascript/CSS** (intermediate), **Assembly** (intermediate), **MySql** (intermediate)

Volunteer Work:

Bradford Public Library
Reading Buddies Program: September 2008 - June 2009

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