John **Walters**

624 S Brady apt. 502, Dearborn, MI 48124 | (313) 287 - 5699 | HenryWalters20@gmail.com

Professional Overview

I am a dedicated and challenge driven individual seeking a position in which I can leverage my knowledge and skill in mathematics, chemistry, analytics, and computer science to analyze and solve real problems in the business world. I possess a tremendous interest in the fields of applied mathematics and computer science, and a passion to apply these to gain industry insights.

Core Competencies

- Strong analytical and mathematical skill set
- Strong knowledge of Python, Ruby, and C++
- Experience with web frameworks: DJango, Rails, and Sinatra
- Experience using various financial, and social sentiment analysis API's such as Yahoo Finance and the Twitter API
- Experience with MS Excel (Data analysis, formulas, VBA macros, etc.)
- Excellent problem solver
- Natural leader and collaborator
- Working proficiency in Spanish and German

Relevant Coursework

Wayne State University
- MAT 5700 - Introduction to Probability Theory
- MAT 5420 - Abstract Algebra
- MAT 5070 - Real Analysis
- MAT 2250 - Linear Algebra
- CSC 1010 - Introduction to Computer Science

Lawrence Technical University
- MAT 2030 - Calculus III
- CHM 1240 - Organic Chemistry I

Education

- BS Mathematics; Wayne State University, Detroit MI (In progress, anticipated graduation: April 2017)
- Lawrence Technological University - Attended during high school to go above the given curriculum. Heavy focus in mathematics and chemistry. Lab experience was completed. 2013 - 2014
- Diploma; Dearborn High School – June 2014 (4.2 cumulative GPA)

Accomplishments and Awards

Elden Lossing Award - An award granted to the top graduating mathematician of Dearborn High School (2014)

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High School Mathematical Contest in Modeling (HiMCM) - National Finalist: -

A global collaborative 48 hour mathematical modeling competition