

TIAGO FERREIRA

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Looking to obtain an internship position at your company. To learn new skills and furthering self-knowledge. To work in a team or as an individual to learn from others while working on meaningful and impactful projects in a highly collaborative environment.

EXPERIENCE

TEAM MEMBER | TIM HORTONS | OCTOBER 2015 – SEPTEMBER 2017

- Dealt with customers daily and learned great customer service skills.
- Worked in a team where everyone was responsible for completing their own tasks on time as well as communicate while doing so.
- Responsible for making sure the store was always stocked with the necessary items to be able to make and complete the orders which included keeping a record on a data sheet of all the inventory.
- Entrusted to train new members.

ASSISTANT SUPERVISOR | EILEEN ROOFING INC. | MAY 2018 – SEPTEMBER 2018

- Worked in a team that was responsible for meeting strict deadlines.
- Entrusted with keeping a record of all the available material on various job sites on a data sheet as well as estimate and report what material would be needed for the next day.
- Trained new members.
- Managed and reported client orders.

EDUCATION

HONORS BACHELOR OF SCIENCE. DOUBLE MAJOR IN COMPUTER SCIENCE AND STATISTICS WITH A MINOR IN MATHEMATICS | UNIVERSITY OF TORONTO - ST. GEORGE | SEPTEMBER 2017 – PRESENT

Course Work: Linear Algebra, Introduction to computer programming, Multivariable calculus, Probability and statistics, Introduction to computer science, Mathematical expression and reasoning for computer science, Software design, Computer Organization, and Introduction to the theory of computation.

Audited and completed the following courses from www.coursera.org:

- **Using Python to Access Web Data | University of Michigan**
- **HTML, CSS, and JavaScript for Web Developers | Johns Hopkins University**
- **Single Page Web Applications with AngularJS | Johns Hopkins University**

SKILLS

- Programming Languages: Python, Java, HTML, JavaScript, XML, CSS.
- Frameworks: Node.js, Bootstrap, AngularJS, Semantic UI.
- Operating systems: Windows, MacOS.
- Software: Excel, Microsoft office, Wing, PyCharm, Sublime Text, IntelliJ IDEA, Git.
- Collaboration and communication skills.
- Organization skills.
- Leadership and teaching skills.
- Hard worker and determined.
- Fluent in both English and Portuguese.

ACTIVITIES/PROJECTS

- **Fireball:**
 - Developed a fully function four player game using the python library, Pygame.
 - Design and optimization aspects were taken into consideration in the implementation of this game.
 - Implemented an AI character to play against.
- **UtraHacks 2018:**
 - Constructed a fully automotive liquid dispenser.
 - Worked with a Raspberry pi B+ that took data from a self-written python code and executed instructions to move servo motors.
 - Connected the python code to an interactive web application to receive drink orders.
- **Personal website (www.tiagoferreira.ca):**
 - Developed a Responsive Website using HTML5, CSS3, and JavaScript.
 - Multiple frameworks were used including Bootstrap and Node.js.
- **Elevator Simulator:**
 - An elevator simulator was developed using python. Multiple moving algorithms were written to compare multiple statistics.
 - Multiple python libraries were used including hypothesis for testing.
- **Prefix Trees and Melodies:**
 - Algorithm objects written in python were used to store words and their prefix's in a tree data structure. These objects supported varies functionalities like looking up a prefix and seeing what words fit that prefix. Testing was done using hypothesis.
- Completed the Lighthouse Labs 21-Day coding challenge using JavaScript.
- Media executive and software developer of the University of Toronto pre-pharmacy club.
- Wrote a statistical report as part of a high school project.
 - Interviewed and surveyed fifty different students to write a statistical report on the correlation between grades and different activities. Excel was used along with pivot tables to implement different types of graphs to strengthen the hypothesis.
- Private tutored high school and university students in computer science and mathematics courses.

