**SKILLS**

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| --- | --- |
| * Languages: SQL, HTML, CSS, C#, Java, Eiffel, Git, Python * IDE: Microsoft Visual Studio, Eclipse | * OS: Windows, Linux, Android, IOS * MS Office Suite * Technologies: Unity |
|  |  |

**CORE HIGHLIGHTS**

* Ability to learn new programming languages and new technologies very quickly
* Excellent understanding of common data structures, OOP principles and common algorithms.
* Knowledge of design by contract and test-driven design.
* Ability to troubleshoot quickly and effectively.
* Mathematical skills sufficient to accurately analyze the performance of complex algorithms.
* Comfortable and experienced with many common software packages.
* Excellent written and verbal communication skills.

**RECENT PROJECTS**

**AI String Builder – Java Application: December 2019 – January 2020**

* Designed a string building application to showcase to use of a genetic algorithm.
* The genetic algorithm incorporated techniques such as: crossover and mutation.
* Used Java swing Api to build a responsive GUI.

**Projects Developed in Unity Game Engine January 2017 – Present**

* Designed and implemented android games using C# in the Unity game engine.
* Published on the Google Play Store and includes monetization using Google AdMob Api.

**Unity Game - Prime Defence:**

* Clean UI with amusing gameplay that incorporates mixing and matching colors in a fun way.
* Implemented leaderboard functionality and micro-transaction functionally.

**Unity Game - Aerial Invasion:**

* Enjoyable game that includes simple controls and easily understood mechanics.
* includes in game currency system that can be used to purchase cosmetics for the game.

*All projects with links to their repositories can be found at my website:* <https://justinstephenson.github.io>

**EDUCATION**

**York University, Canada January 2018 – Present**

Bachelors of Science, Computer Science

**Centennial College, Canada** **September 2011 – May 2014**

Ontario College Advanced Diploma, Electronic Engineering

**WORK EXPERIENCE**

**Data Entry; Contract**

United Way Toronto and York Region – Finance **October 2017 – January 2018**

* Entered data into in-house database from various physical donation forms.
* Audited as a last phase of the data entry cycle for donations. Made sure that all information that is required is entered and that every step previously has been signed off.
* Collaborate will colleagues to prioritize data entering higher priority donations.
* Cleaned up database by removing duplicates, setting up data enter procedures, and fixing any mistakes that have occurred due to human error.

**Data Entry; Contract**

Cosmetica Laboratories – QA/QC **March 2017 – September 2017**

* Gathered data from PDF’s, Excel, Word to prepare said data for data entry purposes by sorting and removing duplicates.
* Entered data into in-house software from Excel.
* Created working instructions and to assist Chemical Analysts in using new in-house software.
* Created standard operating procedures for a variety of different routine operations including: electronic signatures, training for in-house software, etc.
* Created and implemented a script in Python to move files into specific directories which made the existing process 50% faster.

**Administrative Assistant; Contract February 2016 – February 2017**

Gurry & White – Administrative

* Oversee reception desk, greet new guests and respond to questions or queries.
* Provided administrative support as required.
* Maintain office equipment and inventory of office supplies.
* Improved process to distribute mail, making it faster and less confusing.
* Created a spreadsheet in Excel to track inventory, let you know when specific items are low in stock as well as where, and how many of the specific item to purchase.

**Data Quality Analyst; Contract May 2014 – October 2015**

Royal Bank of Canada – Technology and Operations

* Developed, managed, and maintained a database to assist with planning, communications and implementation of the product.
* Data Management and Interpretation using MS Access and MS Excel. (Creation and amendment of Queries, pivot tables, graphs, etc..)
* Created and distributed reports on a weekly and monthly basis providing metrics of project progress.
* Performed QA testing of a newly deployed internal product “myMarketplace”. (based on an app store).
* Administration relating to system access for virtual environments and software.
* Maintained SharePoint site keeping it up to date with relevant information and documentation.
* Responsible for monitoring, maintaining and organizing multiple support mailboxes and communications to specific groups and users. (Consisting of stock and customized responses).