Sunraj Sharma

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EDUCATION

Software Engineering Technician Diploma, Conestoga College, Waterloo, ON   **2020-2022**
- **Relevant courses**: Relational Database, Embedded systems, Data Structures, Math & Statistics and Cybersecurity
- **Extra Curricular**: Client of Conestoga Entrepreneurship Collective and Accelerator centre, Google Developer Club member.

WORK HISTORY

Junior Software Developer, InvestorCOM   **Aug 2022 - Nov 2022**
- Provided application support for legacy systems, and worked on SSIS & SSRS reports
- Designed and automated administrative tasks which needed Data cleaning, Data Visualization.
- **Tech Stack:** C# (.NET), T-SQL, SQL Server, VB.NET

Co-founder, HOOD, https://tryhood.com/   **May 2020 - Present**
- A cross platform mobile application along side a team dedicated to connecting carpoolers with each other in an efficient, affordable, and innovative way.
- Successful partnerships with **Microsoft for Startups**, **Conestoga College, Accelerator Centre (***amongst world's top 5 business incubator***)**.

PROJECTS

Game as a Service, *Conestoga College,*   **Dec 2021**
https://github.com/Sunraj751/A07-Game-as-a-service   **XAML. C#, Azure, WPF**
- A guessing game, with multi-threaded server running as a Windows Service hosted on Azure Virtual Machine.
- Backend used TCP/IP protocol which allowed for communication between multiple clients and 1 server
- Client was built using WPF with a windows service server in C# for external clients to connect.

Transport Management System, *Conestoga College,*   **Oct 2021** - **Dec 2021**
https://vimeo.com/745878235   **C#, .NET Framework, WPF, MySQL, XAML, SCRUM**
- C# application that manages orders and assigns orders to be delivered
- We used various approaches like - **Scrum (from Agile framework), UML diagrams,** and **Database Diagram**

Penetration Test Report , *Conestoga College*   **April 2022**
https://tinyurl.com/Fundamental-Financial-Analysis   **Kali Linux**
- Discovering vulnerabilities on **3 virtual machines** and trying remote attacks to obtain sensitive user data.
- Using products like **Greenbone**, **legion**, **seachsploit** and some **brute forcing techniques**

Tableau - Covid Visualization   **Nov 2022**
https://tinyurl.com/Tableau-Covid-Visualization   **SQL server, Python, Tableau**
- **Data visualization** created using Covid -19 dataset that was used in a prior *data cleaning project*.
- Visualization covers each **continent's data**, as well as data **visualized on world map**.

Data Correlation - Movies   **Dec 2022**
https://tinyurl.com/Data-Correlation-Movies   **Python**
- **Data analysis** project reporting what variables effects Gross revenue for movies.
- Data cleaning performed on Dataset, then visualized using graphs, and some data correlation methods.

Fundamental Financial Analysis   **Dec 2022**
https://tinyurl.com/Fundamental-Financial-Analysis   **Python**
- **Financial analysis** project focusing on Risk Management and Stock prediction.
- Project focuses on **Data Creation**, **Data Exploration**, **Data Visualization**, **Risk Management** & **Predicting future Stock movement**

NOTE: *Check out my website for all projects*: https://sunraj751.github.io/Sunraj_Portfolio/

CERTIFICATIONS

Digital marketing, Google   **Nov 2020**
- Credential ID: 9J8P6YN9M