

MUHAMMAD ABDUL MANNAN

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SKILLS

Languages: Python, Java, R, JavaScript, C++, SQL, HTML, CSS

Tools: Android Studio, VS Code, JetBrains, Pycharm, Git, CLI, Arduino, R Studio, Linux

Frameworks: React, Vue.js, React Native, MongoDB, SQLite, Tkinter, Flask, OpenCV, Pandas, NumPy, Pygame

EXPERIENCE

Web Developer

July 2019 – Current

Self Employed

- Developed and maintained websites and **improved UI** to ensure a **seamless user experience** for multiple clients
- Followed web design principles for coding standards to create **reliable, reusable programming assets**
- Tested and implemented optimizations to ensure support for all devices
- Revamped websites with dynamic UI and interactive features which ensured **high traffic** and **customer satisfaction**
- Provided bespoke graphic design services for marketing and websites which made websites unique and resulted in a **80% increase** in responses

Web & Graphic Designer

Jan 2020 – Nov 2020

Falsed Flags (E-sports Team)

- Updated the team's website and resolved issues related to device **compatibility** and **optimization**
- Conducted frequent optimizations on the website for a dynamic experience and **quicker load times**
- Conceptualised and applied website design ideas that **improved UX** and ensured **easy navigation**
- Designed and integrated digital media using Adobe Suite and planned outreach events which increased web traffic by **40%**

Web Development & Product Management Intern

Sept 2017 – Feb 2018

Property Spark

- Created over **35 blogs** which were read by (on average) **4000+** individuals shortly after publishing
- Researched and Implemented **SEO** techniques on blogs which enhanced traffic by **20%**
- Conducted over **50 research projects** on realtors and brokerages, properties which increased customer base by over **30%**
- Published a blog that got the **most hits in one day in company history**

PROJECTS

View Mars 🔗 | React, JavaScript, HTML, CSS

Jan 2023

- Developed a unique web app designed for research and analysis of the planet Mars's surface & geology using image data
- Features a **responsive design** and layout to **support most devices**
- Users can **download** thousands of high-quality images individually or all together from the Mars Rovers
- **Filter** and inspect image data by sol (Mars day), Rover, and Camera type

Leads & Reference Tracker 🔗 | React, JavaScript, HTML, CSS

August 2022

- A responsive Chrome Extension that saves and tracks references and website links with over **150 users**
- Provides user with **several ways to save links** and will **auto detect and remove** duplicate links
- Features a **AutoSave** feature so that one can pick up where they left off
- Implemented a **download feature** which formats and downloads all data in a text file

Tic Tac Toe 🔗 | Java, JavaFX

Jan 2022

- Created a two-player Tic Tac Toe Android app with a minimalist UI using **Java**
- Designed and coded interactive **activities** that adhere to **good ethical and UI design practices**
- Designed all digital graphics of the app using **Adobe Photoshop**

Dungeon Escape 🔗 | Java, JavaFX, JUnit

Dec 2021

- A retro dungeon escape style game that was coded in Java and designed by a team of six
- The game adhered to the software design principles such as **SOLID, clean architecture, design patterns** and **controllers**
- Coded the pushable and teleporter objects in the game and made key design decisions throughout the project
- Implemented the software design process using **CRC cards, UML Designs** and **JUnit Testing** which improved **work efficiency** and **game optimization**
- Utilized **Git VCS** consistently to manage various features that were being worked on and periodically hosted meetings to remain up to date on current issues and completed work

EDUCATION

University of Toronto

2019 - 2024

Bachelor of Science (B.S) - Computer Science & Statistics