VIKI MAKADIA

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EDUCATION

BACHELOR OF COMPUTER SCIENCE HONOURS

University of Manitoba, Winnipeg, MB
 (Expected date of completion: Winter 2022)

TECHNICAL SKILLS

LANGUAGES AND PLATFORMS

- Java
- C++
- C
- SQL
- Python
- React
- R and R Shiny
- JavaScript
- HTML/CSS/XML/ Bootstrap
- PowerShell script
- SAS

WORK EXPERIENCE

Junior Epidemiologist (Data Analyst) | Govt. Of Manitoba, Winnipeg, MB   October '21 – Present

- Developing of web applications using R Shiny, HTML/CSS and JavaScript.
- Generating epidemiological outbreak reports using R Markdown and SAS.
- Implement and maintaining computer programs written in R and SAS for complex data analysis and investigations.
- Produce data visualization, such as interactive graphs, charts, plots, and maps, using R.
- Generate statistical output and assist in interpretation.
- Implement the automation of daily epidemiological outbreak reports using R programming language, PowerShell script, as well as, automating the process of distributing (via email) the summary of the report.

Front Desk Receptionist | Curb To Curb, Winnipeg, MB   December '19 – Present

- Welcomed guests upon entry to the building assisted with check in and check out.
- Answering phones, booking reservations, responding to emails and electronic reservations.
- Quickly and effectively solving customer challenges and constantly finding new ways to exceed customer expectations.
- Effectively communicating with customers to announce guests or deliveries etc.
- Monitoring 20 security screens and supervising the lobby.

Cashier | Walmart, Winnipeg, MB   June '18 – December '19

- Processing applications for Walmart's MasterCard program to promote regular customers.
- Scan goods and collect payments, handling cash or credit or cheque transactions with customers.
- Answering calls from customers and answering all their question or providing all the relevant information they need accurately and concisely.
- Effectively managed the cash register, POS and balancing the register at the end of the shifts.
- Listening and understanding customers' problem and concerns and effectively looking for optimum solutions

PROJECTS

E-Book-Hub   Jan '22 - Jun '22
Software Engineering 2
GitHub Repository: https://github.com/Viki4325/LZW-Encoder-Decoder
- **Languages/Frameworks/Tools: JavaScript, React, CSS, Docker, MERN Stack**
- E-Book-Hub is a web application that develops an interest to its users towards reading electronic books in an easily viewable layout of all kinds of books. They can also purchase, loan, and even interact with other users with similar interests.

ForTenants App   December '20 – January '21
Personal project
GitHub Repository: https://github.com/Viki4325/ForTenants-App
- **Languages/Frameworks/Tools: Android Studio, Java/Kotlin, XML, SQLite**
- An android application whose users are tenants, caretakers, and staff of a residential building. Tenants can create a profile, make maintenance requests which are sent to the caretaker/ management at any time, receive updates immediately from the care taker if any. This app helps immediate and effective communication between the tenants and the management.

Tenants Databases Management System   March '20 – May '20
Personal project
GitHub Repository: https://github.com/Viki4325/TDMS
- **Languages/Frameworks/Tools: Python, SQL**
- Creating to keep track of tenants' information, like name, contacts, parking stall, emergency contacts.

Web Portfolio: A Personal website   March '20-April '20
Personal project
GitHub Repository: https://github.com/Viki4325/Portfolio
- **Languages/Frameworks/Tools: HTML, CSS, Bootstrap, JavaScript**
- Personal portfolio website about me and displaying my projects done.

LZW Encoder/Decoder: A file compressor   March '20-April '20
Object Orientation project 3
GitHub Repository: https://github.com/Viki4325/LZW-Encoder-Decoder
- **Languages/Frameworks/Tools: JavaScript, Java**
- Using several data structures, implemented the LZW encoding, a compression algorithm, which compresses text files by replacing portions of the text with a single integer.
- The decoder reads the compressed file and translates it back to the original text.

Connect4: A game   February '20 – March '20
Object Orientation project 2
GitHub Repository: https://github.com/Viki4325/Connect-4
- **Languages/Frameworks/Tools: Java**
- In this game, a human player plays against the computer. The first player to put their pieces in a line (Horizontal, diagonal or vertical) wins the game.

EXTRACURRICULAR

Volunteer | BAPS CHARITIES   **January '17 – Present**

- BAPS Charities Walk Green 2019 in Winnipeg, MB was an event to raise funds to support the life-saving work of the William Osler Health System, Victoria General Hospital Foundation and others.
- BAPS charities walkathons have helped fight climate change by planting a total of 361,000 tress. I was part of this group to support the planting of tress in 2018 in North America.

Team Leader | International College of Manitoba.   **May '18 - May '18**

- Volunteered twice as a group leader for the International Students' orientation day.
- Handled groups of 15 – 20 students achieving the confidence to succeed under pressure.

President of Student Leadership Council | Uasin Gishu High School   **October '16-October '17**

- Straightening the school community.
- Developing a co-curricular community engagement.
- Scheduling school events.
- Organizing fundraising events in conjunction with other charity organizations.
- Attending meetings with school staff for updates.