Chowdhury Abdul Mumin Ishmam

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EDUCATION

University of Manitoba – *Bachelor of Science, Major: Computer Science, Minor: Statistics*   *2018 - 2024*

Computer Science Coursework	Data Structures, Algorithms, Programming Languages, Web Programming, Operating Systems, Relational and Transactional Databases, Technical Communication, Software Development, OOP.
Statistics Coursework	Statistical Analysis, Applied Linear Statistical Models, Statistics and Computing, Hypotheses Testing, Principles of Data Collection, Econometrics.

TECHNICAL SKILLS

Proficient Languages and Frameworks	C/C++, Java, R, Python, JavaScript, HTML/CSS, SQL, MySQL, Android Studio, Linux, Git, MS Office Suite, Visual Studio, UNIX, Next.js, Tailwind CSS.
Knowledgeable Languages and Frameworks **Tools**	PHP, MS SharePoint, JSON, Node.js, API, Power Platforms, Bash, Script, Assembly, SAP, YAML, SWAGGER, Linux Server, MS Active Directory, HSQLDB

ACADEMIC PROJECTS

Reversible Learning – *Software Engineering*   *2021*

- An android application that can be used to make user customized flashcards for the purposes of studying individually.
- Developed as a collaborative effort with a group of individuals supporting the principles of Software Development Life Cycle (SDLC).
- Created with Android Studio, HSQLDB. Written in Java and SQL, using Test-Driven Development (TDD), with 3 layered testing architecture (Unit, Integration and Acceptance).

MR.VIPER – *Introduction to Data Mining*   *2022*

- An efficient approach for mining minimal rare itemsets within weakly, and sparse correlated datasets.
- Modified an existing Vertical Pattern Mining algorithm (VIPER) for frequent patterns to find minimal rare patterns.
- Developed and created as a collaborative effort with a group of individuals.
- Algorithm written in Java.

GSTAT – *Human Computer Interaction*   *2021*

- A front-end web application, created with user-centric design principles, that can be used to keep track of a users' personal gaming time and spending budget for various range of time. Led and developed as a collaborative effort with a group of individuals.
- Created with Bootstrap and Charts.js. Written in JavaScript, HTML and CSS.

FAT-32 Reader – *Operating Systems*   *2024*

- A program to access and retrieve files from FAT-32 drives, demonstrating strong file handling skills and system programming expertise. Created in C language.

EPL Association – *Applied Linear Statistical Models*   *2021*

- A personal research project to understand whether the win percentage of an English Premier League soccer team can be explained by associated variables using regression analysis.
- Written in R programming language
- Created with RStudio

WORK EXPERIENCE

Hudson's Bay Company – *Associate*   *Nov. 2023 – January 2024*

- Accountable for delivering service excellence which drives results and enhances the customer experience.
- Build and maintain long-term relationships with our customers, providing an exceptional shopping experience which includes; greeting customers, offering assistance, directing customers to merchandise, sharing product suggestions, additional product information and offering alternative positive opinions.
- Promotes the company's HBC credit and loyalty programs and achieves targets and Process all Point of Sale (POS) transactions accurately and efficiently
- Assist in the execution of seasonal changeover, maintenance and restocking of departments as per visual merchandise direction