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/Development, 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, MS Office Suite, Git, Visual Studio, UNIX, Next.js, Tailwind CSS.

Knowledgeable Languages and Frameworks
Tools   MS SharePoint, JSON, Node.js, API, Power Platforms, PHP, Bash, Script, Assembly, SAP, YAML, SWAGGER, Linux Server (Red Hat), MS Active Directory, HSQLDB

WORK EXPERIENCE

TLP International B.V – *Front-End Developer (Intern)*   *Jan 2023 – April 2023*

- Designed and implemented responsive and dynamic web pages using HTML, CSS and JavaScript. Implemented React to build reusable components, improving code maintainability and application performance.
- Developed a contact section featuring a form for user inquiries using React for front-end and PHP for backend form processing. Managed form state and ensured real-time validation. Integrated with a MySQL database to store user messages securely.
- Worked and coordinated with backend developers to ensure seamless integration of REST APIs and PHP scripts, enabling dynamic content and data interaction.
- Focused on improving the user experience by implementing interactive elements and ensured that all features were mobile-friendly and accessible across different devices and screen sizes.
- Utilized Git for version control, managing branches, and collaborating with team members on GitLab. Participated in code reviews and pull request processes to maintain code quality and consistency.
- Played a key role in developing a new company website with a focus on performance and user experience. Created various components using React and PHP, ensuring modular and scalable code.

Hudson's Bay Company – *Associate*   *April 2023 – April 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

Dynamic Cellular – *Sales Associate*   *Sept. 2021 – Nov. 2022*

- Consistently met or exceeded monthly sales targets by effectively engaging with customers, identifying their needs, and recommending appropriate products.
- Successfully upsold accessories, warranties, and service plans to increase the average transaction value and enhance customer satisfaction.

- Assisted in maintaining store visual standards by organizing and restocking shelves, ensuring a well-organized and aesthetically pleasing sales floor.
- Contributed to inventory control efforts by accurately tracking product levels and participating in regular inventory counts.
- Efficiently addressed customer complaints and concerns, resolving issues to ensure customer loyalty.
- Assisted in training new sales associates, sharing product knowledge and sales techniques.
Conducted cash transactions accurately, including processing payments, returns, and exchanges using the POS system.

ACADEMIC AND PERSONAL PROJECTS

Reversible Learning – *Software Engineering*
- 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), coming to an overall 94% test coverage.

Personal Portfolio – *Web Application*
- Developed and designed a visually appealing and responsive portfolio website to showcase my skills and projects
- Designed a seamless toggle between light and dark mode to enhance user experience and incorporated advanced animations, improving the interactivity of the website.
- Ensured the website was fully responsive, across a wide range of devices, from desktop to mobile.
- Written in JavaScript, TypeScript, HTML. Utilized Next.js to create dynamic and interactive content, React to build reusable components and Tailwind CSS for efficient and consistent styling.
- Managed the project using Git for version control and deployed the website using Vercel.

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