

AZIZUL HAKIM

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EDUCATION

B.Sc. COMPUTER SCIENCE Major (Co-op)

Sep 2017 – Present

University of Manitoba

Microsoft Power BI - Up & Running with Power BI Desktop

Dec 2020 - Jan 2021

Udemy

TECHNICAL SKILLS

Programming

- Java
- C/C++
- JavaScript (Node.js)
- HTML/CSS
- Python

Software

- Android Studio
- IntelliJ
- Git/GitHub
- Visual Studio Code
- Microsoft PowerBI

Operating Systems

- Windows
- Mac OS
- Linux

Databases

- MS SQL Server
- MongoDB
- Neo4J

RELEVANT EXPERIENCE

Web Designer [northstarscience.net]

Oct 2020 – Dec 2020

Department of Biological Sciences, University of Manitoba

Contributed to a science-outreach project called “NorthSTAR (Northern Student-led Arctic Research)” program with researchers to build a website. The program engages high school students in conducting research on the behaviour, health, and survival of wild polar bears during a fall field trip to Churchill, Manitoba.

- Collaborated with researchers in a participatory design approach to create an organized and intuitive interface.
- Mentored researchers in the internal web functions, including steps on how to independently make minor updates and changes.

PERSONAL PROJECTS

End-to-end Business Intelligence solution using PowerBI [[View Report](#)]

Dec 2020 - Jan 2021

A data visualization project which is used to track key performance indicators (sales, revenue, profit and returns), compare regional performance and analyze product-level trends & forecasts.

- Built a relational data model by connecting and transforming raw data into tables.
- Created new calculated columns and DAX (Data Analysis Expressions) measures.
- Finally, designed an interactive report to analyze and visualize the data.

Social Logbook [[GitHub](#)]

Jan 2021

A Node.js JavaScript application which integrates with graph database (Neo4J) in order to create, connect and add different types of relationships.

- Set up Node.js express server and utilized Neo4J JavaScript driver.
- Implemented routes & displayed data from Neo4J database.
- Finally, developed the UI by using Twitter Bootstrap.

Personal Website [[Website](#)] [[GitHub](#)]

May 2020 - Present

A personal website to showcase projects and certifications to practice web development skills.

- Designed responsive layouts and implemented responsive web design approach by utilizing HTML, CSS, JavaScript, Bootstrap, jQuery and other CSS libraries.

ACADEMIC PROJECTS

Personal Budget Balancing System *Group project for Software Engineering I* [[GitHub](#)]

May 2020 – Aug 2020

An app intended to assist the users in creating and maintaining a simple budget for their personal financial goals.

- Performed efficient use of Git/GitHub and developed a Java application by utilizing Android Studio.
- Collaborated with group members in an Agile development environment using 3-layered (frontend, logic & database) architecture.
- Implemented TDD (test driven development) and executed JUnit, integration & acceptance tests.

Online Ordering System *Group project for Human Computer Interaction* [[GitHub](#)]

Sep 2019 – Dec 2019

A high-fidelity prototype that allows users to order food from a restaurant and makes the user experience better by minimizing the steps to make an order and by authorizing users to customize their food according to their preferences.

- Designed and developed a user-friendly website by using HTML, CSS, JavaScript, jQuery, and Bootstrap.
- Implemented design principles, user research & usability goals, ideation, prototyping and heuristic evaluation techniques.

ADDITIONAL WORK EXPERIENCE

Banquet Server

Jan 2018 – March 2020

Era Bistro and Catering

- Maintained effective communication with the manager, supervisors, and co-workers in order to handle large scale events.
- Delivered exceptional services both individually and as a team player in a fast-paced environment.

VOLUNTEER EXPERIENCE

Voluntary Math Tutor

Sep 2017 – April 2018

Frontier College, Winnipeg

- Assisted students from grades 1-8 with their math homework.
- Created interactive ways to learn Math and improved students' ideas on problem-solving.

EXTRACURRICULAR ACTIVITIES

Participant: 13th University of Manitoba Programming Contest

Oct 5, 2019

Member: Computer Science Student Association (CSSA)

Sep 2019 – Present

Women in Computer Science (WICS)

Sep 2019 - Present