Maarij Fatima

437-985-2312 | maarij.fatima9@gmail.com | Linkedin | Github

HIGHLIGHTS OF QUALIFICATIONS

- Currently enrolled in 3rd year of Honors Computer Science Co-op at McMaster University.
- Strong analytical and problem solving skills established through course work and project work
- Excellent teamwork skills developed while working as a summer intern at Bitnobi Inc.

EDUCATION

McMaster University   Hamilton, ON
Bachelor of Applied Science in Honors Computer Science Co-op   *Sep. 2019 – May 2023*

- Relevant courses include: Algorithms, Data structures, Discrete math, Databases, Principles of programming, Communication skills
- Elective courses: Data mining, Information security and Statistics

EXPERIENCE

Bitnobi Inc   May – Aug 2021
IT intern   *Toronto, ON*

- Built 20 use cases for the Tehama-Bitnobi data trust platform that have been demonstrated to the Department of National Defense and IRCC. Use cases involved writing scripts in Python, R.
- Built and managed databases using mySQL for the data-trust use cases.
- Created, filmed and edited end to end demonstration videos for technological marketing of the Tehama-Bitnobi data trust platform.
- Collaborated with the head of product design to conduct research for the data trust platform and interviewed several end user candidates in different industries to better understand their data requirements.

PROJECTS

Web Development | *Javascript, CSS/HTML, django, python, React*

- Created a personal portfolio website to display projects and coursework using Javascript, CSS/HTML.
- Developed a social media webpage using django, python that allows users to create accounts, make posts and add friends.
- Built an interactive Netflix clone using React and javascript.

Games | *Python, Java*

- Built a sudoku game solver using python.
- Created a rock paper scissor game solver that can identify the winner from multiple tournaments.
- Recreated the popular 2048 game in Java with an interactive GUI.

Management systems | *Java*

- Built a school registration system for course management.
- Created a Car insurance management system.

Maths | *Haskell, NASM*

- Developed a program that implements standard operations over Gaussian integers.
- Created a derivative calculator that simplifies the derived functions.
- Created an integral calculator that calculates the value of a definite integral using the trapezoidal rule.

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS, R, Haskell, Bash scripting, LaTeX
Frameworks: React, Node.js, JUnit, Django
Developer Tools: Git, VS Code, IntelliJ, AWS