

Nicholas McGee

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EDUCATION

B.Sc. Computer Science

Sept. 2017 – Aug. 2021

University of British Columbia, Okanagan

Kelowna, British Columbia

- Awarded Dean's List designation in fourth year for exceptional academic achievement.

SKILLS

Languages: Python, Java, HTML, CSS, JavaScript, SQL, PHP.

Technologies: Git, Node, Maven, Bootstrap.

PROJECTS

Microsoft and Mojang Capstone Project

Sept. 2020 – Apr. 2021

<https://github.com/yyht6300a/499Project-Minecraft-C>

- Led a team with three other students to create a web program in Minecraft Education to teach high school students Artificial Intelligence and Machine Learning concepts, such as linear regression.
- Designed a platform using a Python Flask localhost server with a HTML/CSS/JavaScript frontend that features a coding window, a console output area, and lesson instructions in Minecraft Education.

T3 Sports Blog Site

Apr. 2021

<https://github.com/Hassan-Brar/COSC360-Team3>

- Designed the front-end for a sports blog site using HTML and CSS with Bootstrap to create both a desktop and mobile friendly experience.
- Created a MySQL database through phpMyAdmin to store user and blog data, which was accessed by the client with PHP and MySQLi.

Fantasy Sports Predictions with Decision Trees

Apr. 2021

<https://drive.google.com/file/d/1AjeiQfBuQneDVBBEtxaDxjLT05Wh-eVa/view?usp=sharing>

- Researched how boosted decision trees could predict the fantasy scores of NBA players in a season with a high degree of accuracy with Python and the XGBoost module.
- Implemented Pearson Correlation for feature correlation and importance amongst all different positions to increase accuracy of the model.

WORK EXPERIENCE

Save On Foods, Summer Job

Jul. 2019 – Aug. 2019

Grocery Clerk and Cashier

Cranbrook, British Columbia

- Coordinated with co-workers to stock dairy products weekly. Guaranteed co-workers would have pre-sorted products to put out to reduce any downtime.

Superstore, Summer Job

Jul. 2018 – Aug. 2018

Meat Clerk

Cranbrook, British Columbia

- Thoroughly cleaned the butcher room at the end of the day to ensure proper food safety standards were met in the department.