

Nicholas Turenne

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PROJECTS

Beyond The Quintessence

NOVEMBER 2022 - PRESENT – *Unity, Solo*

- Currently developing a game using the Unity game engine and the C# language to enhance my programming abilities.
- Utilizing various object-oriented concepts and patterns to achieve organization and desired play style (observer pattern, state pattern, polymorphism).
- Implementing graph-based algorithms to achieve the grid-based traversal and game play (breadth first traversal, A* pathfinding, Bresenham path).

UFC Fight Stats Visualizer

FEBRUARY - MARCH 2025 – *Python, Solo*

- Created a Web Scraper using the BeautifulSoup library to gather fighter matchup information for the most recent UFC event.
- Visualized the gathered fighter information to provide quick and clear fighter matchup insights.

ArtChart

SEPTEMBER - DECEMBER 2024 – *Android Studio, Group*

- Created an app using Kotlin and Android Studio for a class project resulting in an A grade for the project.
- Implemented various different services and Google Map components to ensure a smooth user experience (location services).

Ratman

SEPTEMBER - DECEMBER 2022 – *Java, Group*

- Developed a game in Java in a small team of four for a class project resulting in an A grade for the project and the class.
- Tested various features of the game using JUnit as our testing framework to ensure an error free experience.

WORK EXPERIENCE

IT Analyst – Shared Services Canada

MAY 2023 - DECEMBER 2023

- Assisted client's in troubleshooting various technical issues to give clients a smooth work experience.
- Managed the creation, deletion, and transferal of various client email accounts to create a seamless transition period for clients.

Warehouse Colleague – Jysk

JULY 2022 - MAY 2023

- Kept inventory on furniture stock in the warehouse to maintain productivity.
- Assisted customers in loading large furniture items and general shopping needs to ensure customer satisfaction.

EDUCATION

B.Sc. Computing Science – Simon Fraser University

SEPTEMBER 2020 - PRESENT

- Overall GPA: 3.53, Computing Science GPA: 3.72

High School Diploma – Centennial Secondary School

SEPTEMBER 2016 - JUNE 2020

- Graduated as a Gold Scholar in June 2020.

LANGUAGES

C/C++

C#

Kotlin/Android Studio

RISC-V

Java

Python

MATLAB

SKILLS

Technical

Linux/Unix

Windows

SQL and NOSQL

Git

Unity

Arduino

HTML/CSS

Practical

Communication

Team work

Fast learner

Working under pressure

70 W.P.M. typing speed

Punctuality

Desire to learn

ACCOLADES AND AWARDS

Dean's Honour Roll

Simon Fraser University

SPRING 2023, SPRING 2024

Six Time B.C. Provincial Lacrosse Champion

Coquitlam Adanacs

2016, 2017, 2018, 2019, 2021, 2022

Member of the SFU Video Game Developer Club

Simon Fraser University

SEPTEMBER 2021

B.C. High School Field Lacrosse Provincial Champion

Centennial Centaurs

MARCH 2020

Recipient of the Brodie Campbell Memorial Scholarship

Brodie Campbell Memorial Foundation

SEPTEMBER 2018

Canadian Field Lacrosse National Champion

Team B.C. Lacrosse

SEPTEMBER 2017