

Nathan Lum

nathan.lum@ucalgary.ca | nlumpanda@gmail.com | (403) 875-7728

SKILLS

LANGUAGES

Python • Java • C++
• HTML • JavaScript • CSS • LATEX

TOOLS AND FRAMEWORKS

• Microsoft Visual Studio • Eclipse
• Git • PyCharm • CLion • IntelliJ
• Vim

EDUCATION

UNIVERSITY OF CALGARY

CANDIDATE FOR BACHELOR OF
SCIENCE IN COMPUTER SCIENCE
September 2018-Present

SAINT MARY'S HIGH- SCHOOL

HIGHSCHOOL DIPLOMA
September 2016-June 2018

COURSEWORK

UNDERGRADUATE

Human-Computer Interactions
Algorithms and Data Structures
Visualization and Analytics
Information Security

LINKS

GitHub:// NathanTL9
LinkedIn:// Nathan Lum

WORK EXPERIENCE

RACQUET CENTRE STAFF | UNIVERSITY OF CALGARY RACQUET CENTRE

September 2018 - Present | Calgary, AB

- Swept and vacuumed court floors, wiped ball marks off court walls, disinfected various equipment provided within the Racquet Centre, and kept the outside court area clean of garbage.
- Provided customer service by answering players' questions, helping players with equipment rentals, providing first aid and other racquet related inquiries.
- Assisted the head coach with youth (8-17 years of age) and adult (18-50 years of age) squash lessons
- Mentored new staff by having them shadow during shifts and taught hands-on, duties and the expected behaviour of staff when on shift.
- Enforced Racquet Centre rules to players who were not aware of or actively chose to not listen to the rules.

SUMMER RACQUET CAMP LEADER | UNIVERSITY OF CALGARY RACQUET CENTRE

July 2018 – Aug 2018, July 2019 – Aug 2019, July 2022 – Aug 2022 | Calgary, AB

- Led a small team of camp leaders who taught racquet sports to and took care of, children of various age groups (7-16 years of age).
- Developed weekly lesson plans for racquet sports for structured teaching during camps.
- Actively worked with parents and their children to provide the best camp experience for each child.
- Provided first aid to kids and reported to parents if the child had any type injury.

PROJECTS

INFORMATION KIOSK SYSTEM (HTML, CSS, JAVASCRIPT, C#) |

UNIVERSITY GROUP PROJECT

- An information kiosk system designed for downtown Calgary to eliminate the need for and to build upon alternatives such as brochures, pamphlets, and websites.
- Provided basic functions like locating landmarks, establishments (stores, restaurants, recreational facilities, etc), events happening around the city, and general information about the city as well as more advanced functionality such as giving directions to users, registration for events, and filtering to provide users with a simple, clean and clutter-free interface.

TAIPANCLONE (JAVA) | UNIVERSITY GROUP PROJECT

- Rendition of the 1979 turn-based strategy computer game Taipan!
- Included all functionality of the original game with changes to the main GUI and colour scheme.

UNIVERSITY CLUB FINDER (PYTHON, HTML, CSS) | UNIVERSITY

GROUP PROJECT

- A club finder for universities all across Canada.
- Allowed students to register for an account, create and join clubs, assign roles to other club members, and host events for clubs they are members of.