

BENJAMIN NGUYEN

Co-op Student

PROJECTS

SORTING ALGORITHMS VISUALIZER *Individual (HTML, CSS, JS, React)*

[GitHub](#) | *In Progress*

- Developing a webapp visualizer which visualizes different sorting techniques using React.js

BASIC CALCULATOR GUI *Individual (Python, Tkinter)*

[GitHub](#) | *In Progress*

- Creating a standard/scientific calculator GUI that proves arithmetic capabilities using Python
- Shows knowledge in conditional statements, functions, and basic Tkinter GUI programming

PERSONAL PORTFOLIO WEBSITE *Individual (HTML, CSS, Bootstrap)*

[GitHub](#) | [Demo](#)

- Created a personal portfolio that showcases examples of my work along with usual resume information about my skills and experiences

STUDENT REGISTRY SIMULATOR *Individual (Java)*

CPS 209 Final Assignment

- Implemented a command line student registry which allows users to enroll, drop, and schedule courses using object-oriented concepts
- Incorporated Java collections such as ArrayList and TreeMap with compare and comparator interfaces to manage the sorting of students and courses

EDUCATION

B.S. (HONOURS) - COMPUTER SCIENCE CO-OP *(SEPT 2019 - PRESENT)*

Ryerson University, Toronto, ON

Minoring in Music

Expected Graduation: 2024

Awards: Dean's List (2020)

Courses (In Progress *):

Data Structures, Intro to C/C++ & UNIX, Calculus & Computational Methods I, Linear Algebra, Intro to Software Engineering*, Discrete Structures*, Comparative Programming Languages*, Operating Systems I*

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SKILLS

LANGUAGES

Java Python

HTML CSS

JavaScript C

LIBRARIES

Socket.io BootStrap

TOOLS/TECHNOLOGIES

UNIX Shell/Bash Git/GitHub

G Suite Office 365

EXTRACURRICULAR

Student Supervisor

Sept 2019 - Present

Ryerson Developer Student Club

- Oversee a community of over 300 members
- Deal with internal conflicts within the group
- Help with supervision and setup of multiple technical workshops/study jams

EXPERIENCE

LIFEGUARD & SWIM INSTRUCTOR

(JAN 2018 - PRESENT)

CITY OF TORONTO - RECREATION