

AIDAN FROGGATT

[LINKEDIN](#) • [GITHUB](#) • [PORTFOLIO](#) • AIDANFR@LIVE.CA • 905-467-0021

EDUCATION

McMASTER UNIVERSITY

BACHELOR OF SOFTWARE ENGINEERING AND MANAGEMENT - 11.0 GPA

HAMILTON, ON

2021-2025

PROJECTS

[PORTFOLIO](#) — A BRIEF OVERVIEW OF MY PROJECTS

2023

- DEVELOPED USING REACTJS AND TAILWIND CSS

[CODEWARRIORS](#) — A GAMIFIED WEB APP THAT TEACHES PROGRAMMING SKILLS TO BEGINNERS.

2023

- WON 1ST PLACE AT DELTAHACKS IX
- DEVELOPED USING REACTJS AND TAILWIND CSS

[SNAPCYCLE](#) — A WEB APP THAT SCANS ITEMS AND PROVIDES INFORMATION ABOUT THEIR ENVIRONMENTAL IMPACT USING MACHINE LEARNING

2023

- WON BEST ENVIRONMENTAL HACK AT MACHACKS 3
- DEVELOPED USING REACTJS, PYTORCH, AND FLASK

[AUTOMATED RECYCLING SYSTEM](#) - A SYSTEM TO SORT WASTE WITHIN A VIRTUAL ENVIRONMENT, DEVELOPED USING PYTHON AND QUANSER **2021-2022**

AWARDS

[1ST PLACE OVERALL WINNER](#) — DELTAHACKS IX: HACKATHON FOR CHANGE — CODEWARRIORS

[BEST ENVIRONMENTAL HACK](#) — MACHACKS 3: AI HACKATHON — SNAPCYCLE

CERTIFICATE OF DISTINCTION — CAYLEY, PASCAL, AND BEAVER UNIVERSITY OF WATERLOO MATHEMATICS CONTESTS

EXTRACURRICULARS

GDSC - GOOGLE STUDENT DEVELOPER CLUBS

HACKATHONS: DELTAHACKS IX, MACHACKS 3 — LEARNED NEW SOFTWARE SKILLS AND WON PRIZES

McMASTER DESIGNATHON — CREATED CAD AND BUSINESS PLAN

DECA CASE STUDY COMPETITION — COMPETED PROVINCIALLY IN CASE STUDY PITCHES FOR SMALL BUSINESSES

TECHNICAL SKILLS

LANGUAGES — JAVA, C, PYTHON, JAVASCRIPT, CSS, HTML, MATLAB, SQL

FRAMEWORKS AND LIBRARIES — TAILWIND, NODE, REACT

ADDITIONAL — GIT, MAVEN, AGILE, LINUX, BASH, NANO, VS CODE, ECLIPSE, JETBRAINS, FIGMA, MICROSOFT OFFICE, CAD

EXPERIENCE

CODE NINJAS

BURLINGTON, ON

LEAD INSTRUCTOR

2022

- TAUGHT OVER 400 CHILDREN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (STEM) TOPICS INCLUDING SCRATCH, SPIKE PRIME (PYTHON), MCREATOR, AND ENGINEERING PRINCIPLES
- CREATED CONTENT AND MODIFIED EXISTING CONTENT FOR 8 STEM CLASSES
- WORKED WITH AND GUIDED TEAM MEMBERS TO OPTIMIZE LEARNING FOR STUDENTS

JOSPEH BRANT HOSPITAL

BURLINGTON, ON

PHYSIOTHERAPY ASSISTANT

2019-2020

- WORKED ONE-ON-ONE WITH PATIENTS PERFORMING MOBILITY EXERCISES
- ADMINISTERED STANDARDIZED TESTS TO DETERMINE COGNITIVE FUNCTION OF PATIENTS AWAITING DISCHARGE
- UTILIZED MEDICAL SAFETY PROCEDURES AND PROTOCOL WITH HIGH-RISK PATIENTS IN ICU SETTINGS

CORPUS CHRISTI CATHOLIC SECONDARY SCHOOL

BURLINGTON, ON

AUDIO VISUAL TEAM

2017-2020

- COORDINATED WITH MULTIPLE COMPANIES WHO RENTED THE SCHOOL FACILITIES
- MIX OF VOLUNTEER AND PAID WORK