

Brian Hu

(613) 462-9805 • brian.hu@mail.mcgill.ca

EDUCATION

McGill University – Faculty of Science, Montreal, Canada 2019 - 2023E

Bachelor of Science, Major in Computer Science, CGPA: 4.00/4.00

- Member of Computer Task Force, specializing in server maintenance and web development
- McHacks: Coded with XCode using Swift programming language, designed and built simple mobile app
- CTF Hackathon: Contributed towards backend server development of club using Flask

Colonel By Secondary School, Ottawa, Canada 2015 - 2019

International Baccalaureate, Points: 38/45

Awards:

Honor Roll, Silver Medalist Award (96.3% average), Ontario Scholar, ORMTA Level 10 Theory Award

WORK EXPERIENCE

H2O, Ottawa, Canada Seasonal (2018/19)

Lifeguard

- Worked 9-12 hour shifts 40 hours/week through supervision of single guarded pools with patron to lifeguard ratio of 30:1
- Performed hourly maintenance checks and adjusting chemical levels through adding chemicals to ensure health standards are met
- Handled public relations with patrons to effectively enforce pool rules, ensured clear line of communication between superior is kept

City of Ottawa, Ottawa, Canada 2018 - 2019

Swim Instructor

- Instructed swimmers from preschool to advanced levels on fundamentals of swimming to improve technique and stamina
- Created weekly lesson plans to enhance learning experience and facilitate teaching process through organizing class schedules
- Conducted meetings with parents to discuss child's strengths along with areas of improvement and future steps to take

Kumon, Ottawa, Canada Summer 2018

Teaching Assistant

- Introduced ideas to students and teach unfamiliar mathematical and English concepts from preschool to secondary school topics
- Coordinated with other assistants to efficiently distribute allocated weekly workload and prioritizing specific lessons for students
- Managed organization of regular shipments of materials to office center and relocation of older worksheets within building

LEADERSHIP AND EXTRACURRICULAR

Rogers TV, Ottawa, Canada 2018 - 2019

Film Crew, Interviewer, Animator

- Filmed series for Rogers TV show "High School Happenings" for different high school events across Ottawa each month
- Conducted interviews with directors of events, school faculty members and students along with introducing several shows
- Created professional animations and transitions for show using Photoshop and Adobe After Effects

Health and Fitness Club, Ottawa, Canada 2017 - 2019

Founder, Executive Member

- Created club to ensure balance of academics with personal fitness and healthy lifestyle and attracted dozens of new members
- Supervised weekly meetings and mentored new members around club equipment by collaborating with other executive members

Diefenbunker Cold War Museum, Ottawa, Canada 2015 - 2019

Volunteer

- Volunteered as floor warden for four years, supervised floor to ensure patron satisfaction and safe evacuation in case of emergency
- Designed and created interactive digital flipbook through showcasing museum using Canvas and FlipHTML in final year

SKILLS AND INTERESTS

Language Skills: English and French comprehension (Proficient), French speaking and Chinese (Intermediate)

Computer Skills: Python (Django, Flask), Java, C++, Bash, C