Cristian Moretto

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EDUCATION

University of Waterloo   Waterloo, ON
Bachelor of Computer Science, 3.88 GPA (1A Term)   *Sept. 2023 – May 2028*

Cardinal Carter CHS   Aurora, ON
IB Diploma, OSSD, 97.5% Top 6 Average   *Sept. 2019 – June 2023*

PROFESSIONAL EXPERIENCE

Swim Instructor & Assistant Lifeguard   July 2023 – Sep. 2023
Splashville   *Vaughan, ON*
- Delivered individual and group swim lessons to students from ages 2-30 alongside a team of 14 instructors
- Maintained open communication with parents, supervisors, and coworkers
- Adapted a swim curriculum and facilitated student growth through encouragement and technical instruction

Swim & Lifesaving Instructor   July 2022 – Sep. 2023
Azure Swim School (Personal Business)   *Nobleton, ON*
- Organized and delivered individualized and small-group swim lessons in 7 clients' backyard pools
- Communicated professionally with clients to schedule lessons and manage payments
- Inspired students' passions for water safety while maintaining an engaging and supportive learning environment

Swim Instructor & Deck Supervisor   July 2021 – Aug. 2022
KC Swim School   *Caledon, ON*
- Taught private and semi-private swim lessons, and supervised pool activities along with one other instructor
- Adapted to numerous teaching environments and enforced workplace safety protocols

RESEARCH & PROJECTS

IB Computer Science Extended Essay | *Python, TensorFlow, Keras, Matplotlib*   Feb. 2022 – March 2023
- Wrote a 4000 word research essay exploring the effect of convolutional neural network architecture on efficiency
- Referenced 10 academic sources to support findings and communicate concepts to readers
- Trained a multi-layered CNN model to classify images from multiple MNIST datasets with over 99% accuracy
- Visualized model performance using Matplotlib and analyzed the effect of structural variations

EXTRACURRICULARS

First-Year Representative   Oct. 2023 – present
The Mathematics Society at the University of Waterloo   *Waterloo, ON*
- Consulted first-year Math faculty students and represented their opinions at council meetings
- Proposed and executed study session events to foster student engagement and connections, regularly attracting over 100 students
- Promoted council events and initiatives on social media, and demonstrated transparency through written reports

Event Organizer   Sep. 2022 – June 2023
Cardinal Carter CHS Student Council, Prom Committee   *Aurora, ON*
- Planned and executed school-wide events, including semi-formal and prom
- Used Microsoft Excel to manage event logistics, including ticket sales and the information of over 450 students
- Communicated frequently with students, teachers, and administration to ensure events ran smoothly

Communications Chair   Sep. 2021 – June 2023
Carter Blue (Mental Health Awareness Club)   *Aurora, ON*
- Ran the club's social media accounts and promoted events to the student body, making over 20 posts
- Collaborated with other club executives to create social media visuals and advertising materials
- Liaised with other student organizations to ensure inclusivity and maximize event attendance

SKILLS

Languages & Technologies: JavaScript, Python, Racket, HTML/CSS, LaTeX, Keras, Git, VS Code, Linux
Interpersonal Skills: Professional Communication, Public Speaking, Team Leadership, Time Management
Problem-Solving Skills: Critical Thinking, Adaptability, Attention to Detail, Risk-Taking, Research