

Galen O'Shea

Carleton University Undergrad
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Education

2013 – 2018 **Carleton University, Ottawa, ON**

B.Cog.Sc Honours Cognitive Science with specialization in Cognition & Computation, Minor in Computer Science.

- Honours Thesis – The Postsynaptic Simulator (2018)
 - Designed an IOS app (available on AppStore) to teach undergraduates complex concepts related to the intracellular activities leading up to action potentials.
- Robotics Independent Study (2018)
 - A selected group of students were permitted to do an advanced robotics course which culminated mapping environments, Dijkstra's shortest path algorithm, computer vision, triangulation/trilateration, Gaussian distribution obstacle estimation.

2019 – Current **Carleton University, Ottawa, On**

B.C.S Honours Computer Science in Software Engineering Stream (Co-op)

Employment

2017 **Teaching Assistant for Robotics, Carleton University, Ottawa, ON**

- Responsibilities: All marking done in the course, helping explain concepts, debugging code, helping students with hardware problems.
- Acquired skills: Teaching skills, problem-solving, leadership skills, presentation skills.

2017 **Server, Dave & Busters (summer position), Oakville ON**

- Responsibilities: Serving guests, taking orders, presenting food, making sure guests are satisfied with their service, setting up "Play" cards for the arcade area.
- Acquired Skills: problem-solving complaints, managing alcohol and knowing peoples' limits.

2013 - 2018 **Machine Operator, Quintessential Canada Inc. (summer position), Mississauga, ON**

- Responsibilities: used wood working machinery to create custom wood box packaging for the LCBO, wineries and other clients. Operated laser engraver, CNC machine, Opti-cut Saw, and other various machinery/tools.
- Acquired skills: multi-tasking between multiple projects, developed efficient building methods, time management and problem-solving, knowledge of machinery and tools, collaborating with others, supervised summer students.

2011 - 2013 **Customer Service Representative/Cashier, McDonalds (Part-Time), Oakville, ON**

- Responsibilities: training crew members, closing/opening duties, preparing menu items, stocking inventory, customer service representative and cashier, drive-thru server, unloading truck, cleaning store.
- Acquired skills: working in fast-paced environment, multi-tasking, leadership, time management, motivating other employees.

Awards

2011 - 2012 **Prefect Ambassador Holy Trinity Catholic Secondary School Oakville**

- Nominated by teachers in high school to assist with organizing public events and introduced new students to the school. A Prefect wears a different uniform in order to be easily identified by other students who require support and assistance throughout the school year.

2011 **Jamie Kyes Memorial Convenors Award**

- The Jamie Kyes Memorial Convenors Award is presented to one hockey player per year who demonstrates leadership, teamwork and a positive attitude in hockey. League coaches vote to select a player and this award is bestowed by the Convenor and Kyes family at a ceremony.

Certifications

- 2012 **PADI scuba diving certificate, Turks and Caicos**
- 2016 **Smart Serve certificate**

Hobbies and Interests

- **App Development**- Enjoy creating IOS apps in my spare time.
- **Blockchain & Cryptocurrency**- Interested in decentralized applications (dApps)
- **Palooza Beer Pong Tournament 2017** – Placed top 16 out of 2500 in the Guinness World Record for Largest Beer Pong Tournament.
- **Sports**- Competitive in a variety of sports including rep soccer, hockey (team captain for 4 years), wrestling (3rd in Halton), rugby, taekwondo, fencing, skiing, snowboarding, track & field, gym member, golfer.
- **Travelling** – Visited 15 countries so far including travelling through Europe while completing an English credit. Passionate about exploring and curious to experience other cultures.
- **Guitar** – electric and classical guitar enthusiast for 13 years.