

# Oliver Odendaal (Year 11, Upper Canada College)

642 Woburn Ave, Toronto, Ontario, M5M 1M1

oliver.odendaal@ucc.on.ca

m: (647) 889-4718

Github: <https://github.com/yodasnow>

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## Personal Statement

I am highly motivated to learn about Information Technology, and I have a few years of experience on algorithmic and other programming, including Python, Java, and more recently, I have started to learn C++, HTML and CSS.

I enjoy teamwork and collaborating with others on difficult challenges and problems. I like to look for creative solutions. I am committed to self-improvement and developing my computer knowledge and skills. I also look for opportunities to help and mentor others.

After I complete my International Baccalaureate (IB) I intend to study Computer Science, Computer Engineering, Software Development or Aerospace Engineering at a Canadian University.

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## Programming, Computer Science & Mathematics

I have attended many courses on an extra-curricular basis, including:

	2019	2018	2017	2016	2015
<b>Olympiads</b> (Computer Contest (Level 3))	✓				
<b>Olympiads</b> (AP Computer Science, Computer Competition (Senior Level 1), Advanced Function, Computer Contest (Level 3))		✓			
<b>DMA</b> (Digital Media Academy) Artificial Intelligence		✓			
<b>DEEP</b> (U of T) Space Transportation		✓			
<b>Hackathon</b> Jam Hacks		✓			
<b>TORCH</b> (The Operations Research Challenge)		✓			
<b>CCC, Senior</b> (Canadian Computing Competition)		✓	✓		
<b>ECOO</b> (Educational Computing Organization of Ontario)		✓	✓		
<b>HATCH</b> Programming		✓	✓	✓	
<b>Mathnasium</b>		✓	✓	✓	✓
<b>IRIS</b> (Institute of Robotics & Intelligence Systems) Arduino, 3D printing, VEX IQ			✓		
<b>Olympiads</b> (AP Computer Science)			✓		
<b>DEEP</b> (U of T) Electric Fundamentals			✓		
<b>DMA</b> (Digital Media Academy) Academy for Java Game Programming				✓	
<b>CCC, Junior</b> (Canadian Computing Competition)				✓	
<b>DMA</b> (Digital Media Academy) Game Programming with Python					✓

<b>RP4K</b> (Real Programming for Kids) Visual Basic					✓
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## Education & Qualifications

Jan 2011 - present: **Upper Canada College**, studying towards **International Baccalaureate**  
 Year 11 - English (HL), Mandarin (SL), Math (SL), Physics (HL), Chemistry (SL), Geography (HL)  
 Year 10 – 92% average - English, Mandarin, Math, Computer Science (ICS4U), Physics, Chemistry, Spatial Geography (CGO4M)

Apr 2008- Dec 2010: **Cathedral Grammar (Christchurch, New Zealand)**

Jan 2007- Mar 2008: **International School (Kuala Lumpur, Malaysia)**

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## Past Achievement

- Computer Science Award for Grade 12 Computer Science (ICS4U)
  - 2018 Duke of Edinburgh Silver award (working towards Gold)
  - 2017 Duke of Edinburgh Bronze award
  - Won best .tech domain at Jam Hacks Hackathon
  - Assistant Head of Technology at World Affairs Conference
  - Life Saving Society, Bronze Star, Bronze Medallion, Bronze Cross  
Emergency First Aid, CPR
  - 2015 National Music Fest Canada (Canadian Honor Award for Music)
  - Scuba diving (PADI certified)
  - Blockchain Hackathon participant for team SAID (Secure Aid)
  - Car (G1) and Motorcycle (M1, M2) License
  - Project leader for IB CAS (Community, Action, Service) project
  - 2014 GTHL 'AA' hockey
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## Voluntary Work

- 2016 – present: Meals on Wheels
  - 2018 Feed the Homeless
  - 2016 Horizons Programming volunteer
  - Change the World - Certificate of Recognition (Ontario Youth Volunteer Challenge)
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## Personal Interests & Clubs

- UCC robotics team
- UCC Jazz Band & Wind Ensemble (from Grade 6 - present)
- Music (trumpet, piano & guitar)
- Off-road / motocross motorcycling
- Cross country running