

LOÏC MURUMBA

Electrical and Computer Engineering
<https://loicmurumba.me>

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 loicmurumba
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SUMMARY OF QUALIFICATIONS

- Experienced with object-oriented programming (Java, C++); earned 100% in fundamentals of C++ course
- Skilled in web development (Javascript, HTML, CSS) gained through working on various projects
- Strong communication and leadership skills; elected class valedictorian
- Intuitive and fast learning skills developed throughout various work and volunteering experiences
- Acquired knowledge on computer components through building and fixing multiple computers

RELEVANT EXPERIENCE

September 2016 - present	Waterloop <i>Software Team Member</i>	Waterloo, ON
	<ul style="list-style-type: none">• Designing dashboard that graphically displays various statistics and updates in real-time based on output from the hyperloop pod's sensors• Built and helped design circuits to route power to various car components	
January 2017 - April 2017	LOGiQ3 Corp. <i>IT Analyst</i>	Toronto, ON
	<ul style="list-style-type: none">• Greatly increased efficiency by introducing automated system to parse and assign service requests within IT team• Reduced cost of external IT consultants by automating service request assignment• Worked on advertising project for marketing team using JavaScript, HTML, and CSS• Helped setup wired network for new subsidiary company launch on separate floor• Acquired professional communication skills while providing technical support to the coworkers throughout the term	
March 2017	MLH <i>Mentor/Volunteer</i>	Guelph, ON
	<ul style="list-style-type: none">• Helped participants complete projects by sharing technical knowledge on various programming languages and frameworks• Organized games/ice-breakers to give out prizes to contestants	

PROJECTS

Android App	Soar	<ul style="list-style-type: none">• Platformer programmed in android studio using Java; available on the google play store• Implements a real-time database to keep track of the worldwide high score and reports it to every user
Web Game (in progress)	Slice	<ul style="list-style-type: none">• Real time online multiplayer only; uses a nodejs server and web sockets to quickly transmit game data to all clients• Client-side programmed using HTML canvas and Javascript

EDUCATION AND ACHIEVEMENTS

September 2016 - present	Candidate for Bachelor of Applied Science at the University of Waterloo	Waterloo, ON
	<ul style="list-style-type: none">• Ranked 23/155 for 1A academic term – 87.2 /100• President's Scholarship of Distinction for academic excellence• Richard & Elizabeth Madter Entrance Scholarship for participation in extracurricular activities	
January 2016	Named Horatio Alger National Scholar	Nanaimo, BC
	<ul style="list-style-type: none">• Selected among thousands of applicants for academic excellence and overcoming adversity	

INTERESTS

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| <ul style="list-style-type: none">• Computer Programming• Music• Web Development | <ul style="list-style-type: none">• Fitness• Hardware• Design |
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