Alessio **Symons**

SOFTWARE DEVELOPER · STUDENT

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"Success is going from failure to failure without a loss of enthusiasm." - Winston Churchill

Education

University of Waterloo *Ontario, Canada*

CANDIDATE FOR HONOURS BACHELOR OF MATHEMATICS *Expected 2021 Graduation*

- Got a President's Scholarship given to students with exceptional grades entering the University.

Experience

Freese Enterprise *MI, USA*

SOFTWARE DEVELOPER *Sept. 2015 - Present*

- Created an Embedded Operating System using Windows 8.1 embedded to create an environment for surgical equipment.
- Worked on making the external surgical equipment compatible with a Surface Pro 3

Soundscape Engineering *MI, USA*

FULL STACK DEVELOPER *May 2016 - Nov. 2016*

- Designed the front end of the website from scratch to record sensory data from vibration sensors and displayed the data graphically using d3.js.
- Lead the implementation the backend of the website, in a team of 3, using Node.js and Express that communicated with Google Cloud hosted MySQL servers.

SentioMMG *MI, USA*

APP DEVELOPER *Feb. 2016 - April 2016*

- Created an IOS app in swift for product promotion that included a built-in PDF viewer and video player.

UPS *ON, Canada*

GRAPHICS DESIGNER/COMPUTER SUPPORT ENGINEER *June 2015 - Aug. 2015*

- Created flyers and business cards in Adobe Illustrator.
- Fixed local computer issues on Windows and Mac systems.

Extracurricular Activity

FIRST Robotics Team - Purple Raiders *Windsor, Ontario*

STUDENT LEADER & PROGRAMMING CAPTAIN & MENTOR *Sept. 2012 - Present*

- Created the STEM Play initiative to encourage STEM education in youth through LEGO robotics.
- Lead the Programming and General Team at Assumption High School
- Provided programming mentorship to other high schools and grade schools.

Hackathons *International*

PARTICIPANT *Feb. 2016 - Present*

- Avid participator in hackathons
- I've been to: Hack the North, MasseyHacks I and II, Mhacks, Local Hack Day

Awards

2016	**Winner**, MasseyHacks Hackathon		*Windsor, Canada*
2016	**Quarter-Finalist**, DEFCON 21st CTF Hacking Competition World Final		*North Bay, Canada*
2015	**Winner**, The Southwestern International		*Windsor, Canada*
2015	**Winner**, Dean's List Finalist		*Windsor, Canada*