Nolan Buzanis

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Highly motivated 3rd year Engineering student at Queen's University with experience in programming and PCB design. Enthusiastic self-starter with a passion for side projects and hands-on learning. A voracious reader who also enjoys sports, guitar, and piano.

Experience

Studio Supervisor / SparQ Studios, Kingston
Oct 2017 - Present

- Provide assistance to students using software, wood and metal fabrication machines and tools in the design studio where they build prototypes for various projects
- Collaborate with Executive team to develop new initiatives and best uses for the design space

Summer IT Intern / Havergal College, Toronto
May - Aug 2017

- Upgraded over 200 computers and prepared laptops for deployment using Casper Suite
- Assisted users with IT related issues and audio/video problems
- Wrote Bash scripts to improve the user experience with IOS

Projects

EcoGrow Module
Dec 2017

- Assists users with urban agriculture through an Arduino-based monitoring system
- Enclosed, insulated chamber which monitors a plant's humidity, temperature, and light levels

Autonomous Robot
Feb 2016

- Arduino-based 2-wheel robot designed to compete against other robots in a scoring competition
- Sensors, DC motors, electronic components integrated into a feedback system

Activities

Construction Manager / Sci' 19 Formal Committee
Oct 2019 - Present

- Provided leadership through construction of main structure, working with student volunteers on a $120 000 budget event

Sponsorship Coordinator / Queen's World Vision Chapter
Sep 2016 – May 2017

- Gained experience with sponsorship strategies by networking with local businesses

Duke of Edinburgh Silver Award
June 2015

Education

Queen's University, Kingston ON
Sep 2015 - May 2019

B.A.Sc., Electrical Engineering – *Electives in Mechatronics and Economics*