

Christopher Leo, B.Eng

Toronto, Ontario

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EDUCATION

Bachelor of Science Degree, Engineering Systems & Computing

University of Guelph, Guelph ON

- ❖ TA: Introduction to Computer Science
- ❖ TA: Embedded Systems & Hardware

Work Experience

Your Home AV

Software Engineer

Toronto, Ontario

September 2019 – Present

- ❖ Your Home AV is a consulted & design company in the Home Automation field
- ❖ Creating several programs for clients in a timely & professional manner including documentation & tutorials for the end user
- ❖ Deploy code on-site & execute routine system test
- ❖ Closely collaborating with teams of the installation, sales and alongside the clients to ensure competitive pricing, the needs of the client, and site installation are met
- ❖ Experience in service calls to perform installations, programming, troubleshooting, upgrades to client's system

Black Diamond Blinds

Applications Engineer

Toronto, Ontario

December 2018 – September 2019

- ❖ Black Diamond is a manufacturing & installation company for shading solutions while innovating the shade/blinds/curtain field
- ❖ Used Solidworks to construct a 2D & 3D model of product along with renderings
- ❖ Created blueprints & assembly instructions to be read by end-users and employers
- ❖ Able to create multiple prototypes and deliver to end user for testing and manufacturing stage

Property Manager

Landlord

Toronto, Ontario

January 2013 – September 2019

- ❖ Establishing and maintaining electrical and mechanical skill sets through building repairs
- ❖ Overseeing tenants' well-being and several other managerial tasks
- ❖ Understanding the tenant's needs and wants through excellent interpersonal communication
- ❖ Housing over 100+ individuals attending to all their needs

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Skills & Interests

Skills

- ❖ Strategic planning
- ❖ Thinking outside the box solutions
- ❖ Time Management & Prioritization
- ❖ Working Effectively in a team-oriented collaborative environment
- ❖ Programming Languages & Software
 - Autocad, Solidworks
 - Matlab, Maple, TINA-TI, Eagle, Multisim, LTSpice
 - Assembly, C, C++, Java, Python, HTML, SIMPL/SIMPL#
 - Microsoft suite
 - SQL
 - Fixed Point, Floating Point Arithmetic
- ❖ Embedded Microcontrollers
 - AVR
 - PIC
 - STM32
- ❖ Communication Interfaces
 - I2C
 - I2S
 - UART
 - SPI

Interests

- ❖ Audio Amplifiers
- ❖ DSP
- ❖ Microcontrollers
- ❖ Control Theory
- ❖ Power Electronics
- ❖ Programming