

# CHRISTIAN ARCURI

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## EDUCATION

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### MCMASTER UNIVERSITY

Bachelor of Engineering (B.Eng), Electrical and Biomedical Engineering

2016 – 2020

## WORK EXPERIENCE

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### ROAR ENGINEERING

EIT – Electrical/Fire

2022 – Present

### WSP

Electrical EIT – Infrastructure

2020 - 2022

- Assisted engineers with electrical design and technical support for new construction and retrofits. Responsibilities include electrical system design, document quality control and assurance, and drafting.
- Worked closely with team members to deliver engineering designs for multidisciplinary projects including wastewater treatment plants, pumping stations, and storm infrastructure.
- Conducted assessments of municipal infrastructure facilities to evaluate the condition of assets and make design and replacement recommendations to the client based on findings.
- Provide site inspection and contract administrative services during construction of infrastructure facilities.

### YORK CATHOLIC DISTRICT SCHOOL BOARD

Emergency Supply Teacher – Elementary

2020

- Taught and supervised elementary school students in the York Catholic District School Board.
- Adapted rapidly to different teaching environments to deliver curriculum to students.

### REGIONAL MUNICIPALITY OF YORK

Electrical Design Technician – Transportation, Capital Planning and Delivery

2019

- York Region Intersection Upgrades - Assisted traffic systems designers to develop new designs for intersection traffic systems that complied with York Region and AODA standards. Assisted in drafting detailed traffic system intersections layouts.
- York Region Road Rehabilitation - Drafted pavement marking drawings for new rehabilitated roads in York Region.

**Operations Technician – Transportation, Road Maintenance and Operations****2018**

- Regional Road Maintenance Contracts - Assisted divisional staff with supervision and evaluation of various ongoing and completed contracted road maintenance work including Road Resurfacing, Ditching/ Drainage, Catch Basin Cleaning.
- Regional Road Asset Inspections - Completed detailed inspections of York Region road assets including culverts and signs to assess condition, quality and to ensure compliance with regulations. Drafted inspection reports and created work orders to repair and replace compromised assets.
- Regional Road Asset Inspections - Assisted divisional staff with water drainage operations. Inspected potential problem locations along regional roadways, completed detailed work orders, and coordinated with Ontario One to obtain locates for drainage works sites.

**TECHNICAL SKILLS**

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- 2D Modelling - AutoCAD
- 3D Modelling - Revit
- Lighting Analysis and Design – Visual Lighting