

# Nikola Milosevic

Toronto, ON

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(647) 468-2262

- Dedicated and highly skilled electrical engineering graduate from Queen's University
- Stellar GPA of 3.96 and recognized as a Dean's Scholar
- At Smith+Andersen, I designed electrical systems using Revit/AutoCAD
- Praised for my inquisitive nature and my dedication to asking good questions
- As a TA I helped students grasp complex concepts and guided practical lab work
- Proficient in working with FPGAs, and programming in VHDL, C, Python, and others
- Eager to bring my skills, enthusiasm, and relentless curiosity to your company!

## Skills

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- Software: AutoCAD, Revit, Excel, Word, Electric, LTSpice, PSim
- Programming languages: C, C++, MIPS64 Assembly, VHDL, Python, Java, JavaScript, C#

## Experience

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### Junior Electrical Designer

*Smith + Andersen*

*Toronto, ON*

May–August 2023

- Worked on 10+ buildings across Canada including residential, healthcare, and community
- Designed electrical building systems directly in Revit/AutoCAD
- Prepared drawings, specifications, and reports necessary to deliver a project
- Developed lighting layouts and coordinated with other disciplines
- Developed power distribution layouts and sizing, as well as layouts of electrical/switch/transformer rooms
- Assisted in construction administration by reviewing equipment shop drawings and preparing change notices, site instructions, etc.

### Laboratory Teaching Assistant

*Queen's University*

*Kingston, ON*

September 2022–April 2024

- Assisted professors and graduate TAs in running ELEC 221 (circuits), 280 (electromagnetics), 371 (microprocessor and embedded development), and 224 (signal processing) labs
- Taught students to solder and use lab equipment such as multimeters, oscilloscopes, function generators
- Helped students debug Assembly and C programs for microprocessors
- Ran tutorials going over example problems and homework solutions for the class

### Busser and Bar-back

*La Vecchia Restaurant*

*Toronto, ON*

May–July 2022

- Served food, drink to diners, kept restaurant clean, worked well in a high-pressure environment

## Education

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### Queen's University

*Bachelor of Applied Science — Electrical Engineering*

September 2020–May 2024

- 3.96 GPA, Dean's scholar
- Relevant course work: IC design in Electric, FPGA programming with VHDL, machine learning with PyTorch, large-scale multiprocessing with OpenMP
- Capstone project: designed a custom positioning and speed tracking system with Arduino, Bluetooth and a Python client for use in analyzing strokes for competitive rowing
- Activities and societies: InQubate (Queen's disruptive technology startup incubator), Queen's chess club, Queen's ski & snowboard club