

# Omar Tijari

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## EDUCATION

**University of Ottawa, BAsC in Electrical Engineering — expected May 2023**

Entrance scholarship recipient, french bursary recipient.

Related coursework: *Signal and System Analysis, Random Signals and Systems, Computer Architecture II, Circuit Theory, Electricity and Magnetism.*

## PROJECTS

**University of Ottawa Design Day - 1st Place Winner - Project: Hot Car Emergency**

- Designed, prototyped and tested a device for a client that notifies parents when children are left unsupervised in a car.

**University of Ottawa Design Day - 1st Place Winner - Project: Pedestrian blockers**

- Designed, prototyped and built pedestrian blockers for the Ottawa Police Service.

**Circuit analysis:**

- Built and experimentally verified Thevenin and Norton circuits.
- Designed and measured step response of second order circuits.

**Band stop filter:**

- Designed a band filter consisting of low-pass and high-pass filters to attenuate unwanted frequencies in a specific range using Matlab.

**ALU design and simulation:**

- Designed, simulated, built and tested an arithmetic logic unit employing Quartus II.

## SKILLS

Software: *Matlab, Quartus II, Arduino, LoggerPro*

Languages: *English (Fluent), French (Fluent/C1 level accreditation), Arabic (fluent)*

## EXPERIENCE

**PiCo, Food Service Associate, Ottawa, ON — 2022 - Present**

Responsible for maintaining a clean work environment, taking orders from customers, making food at back of house and working at the cash register.

**Donelly Ford, Vehicle delivery driver, Ottawa, ON — 2021 - Present**

Duties include delivering vehicles to other dealerships as well as individual customers throughout Ontario and Quebec regions.

**Smoke's Poutinerie, Food Service Associate, Ottawa, ON — 2018-2019**

Responsible for maintaining a clean work environment, taking orders from customers, making food at back of house and working at the cash register.

## HOBBIES

- Swimming: Gold medallist 50m freestyle Fes Regional Competition - 2017.
- Soccer
- Photography