

# Fatima Labade

Web Developer and Mechatronics Engineer

Toronto Downtown, ON

[Email](#)

[Portfolio](#)

[LinkedIn](#)

## PROJECTS

### — *Webpage Development & Design*

- Imitated multiple website designs through tutorials and courses
- Designed my own portfolio webpage using React
- Developed multiple websites using JS, HTML, CSS and React
- Used GitHub Webpages and Netlify to publish my projects.

### —Autonomous Package Retrieval Robot

- Built and programmed an autonomous robot that picks up and retrieves objects.
- Implemented and tuned a PID speed controller for the motors.
- Integrated waypoints, timer interrupts in Arduino with OpenCV in Python, and calibrated an overhead camera for the vision system.

### —Bluetooth RC Car

- Built and programmed a fully functional RC car using Arduino which can be controlled from an app through any phone.
- Built an Android app to control the car through Bluetooth.

### —Factory IO

- Built virtual factories and controlled tasks using Factory I/O, such as box sorters, and inverters.
- Used Control IO blocks, PLC programming, ladder diagrams, logic gates, timers, and counters to achieve the desired outcome.

### —CAD/3D Modeling

- Modeled a high-poly car with Rhino, a wallet with Fusion 360 and a donut in Blender.

## SKILLS

HTML5, CSS3, SCSS, SASS

JS ES6, React

SQL, MySQL

Python, C++, C, OOP

Arduino IDE, Raspberry Pi

MATLAB, Factory I/O,  
WinSPS-S7, PLC, LAD

GitHub, VS Code Source  
Control Management (SCM)

VS Code, Anaconda, PyCharm,  
Eclipse

Figma, GIMP, Inkscape

Adobe Photoshop, Adobe  
Illustrator

PCB Design, Soldering

SolidWorks, Siemens NX12,  
Fusion 360

Auto CAD, TinkerCAD

Microsoft Office Suite, Google  
Suite

## EDUCATION

### Bachelor of Engineering

Program: Mechatronics  
Engineering

Location: Ontario Tech  
University

Recent Graduate in Apr 2021

- Created a Fridge and a motorbike with Siemens NX and Solidworks

## —Home Automation

- Developed a small-scale home model for automating lights, fans, and temperature using a microcontroller (Arduino).
- Built a large-scale wireless door and light switch controller.

## PROFESSIONAL EXPERIENCE

### **Nordia, Remote— *Inbound Sales Agent***

Feb 2022 - PRESENT

- Use the 7 steps of selling to provide great customer experience and to make sales.
- Multitask, take orders, and process payments via numerous tools.
- Understand customer's needs and always empathize with them.
- Communicate clearly and professionally to customers through phone and email.

### **General Motors, Oshawa— *Supply Chain Supervisor***

May 2019 - Sept 2019

- Watched for safety issues and perform random safety checks and reports.
- Counted and labelled inventory.
- Tracked all present and absent workers, completed End of Shift reports (EOS), and coded workers for labor charge, vacations, paid absences, etc. at the end of each shift

### **Tim Horton's, Oshawa— *Crew Member***

Aug 2018- Jul 2020

- Learned to manage school while working part-time.
- Demonstrated communication and teamwork skills with diverse co-workers.
- Gained valuable customer service experience.

## Certifications

HTML LinkedIn Badge

OOP LinkedIn Badge

## LANGUAGES

English- Native

Arabic- Native

Turkish - Intermediate

## Hobbies & Activities

Digital & Traditional Art

Realistic portrait & landscape Paintings

Pencil Art

Biking

Running