



## CONTACT

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- Oakville, ON
- MathieuGirard.me

## EDUCATION

### Software Engineering

Western University, 2017 - Present  
Current GPA | 3.9

### High School Diploma

Iroquois Ridge High School, 2011-2016  
Overall Average | 95%

## SKILLS

### PROGRAMMING SKILLS

C++	●●●●●
HTML/CSS	●●●●○
React	●●●○○
Java	●●●●○
SQL	●●●○○

### PROFESSIONAL SKILLS

Excel	●●●●○
PowerPoint	●●●●●
Word	●●●●●

M/G

# Mathieu Girard

Software Engineering  
Student

## WHO AM I?

### I thrive in a team environment:

*Collaborating with likeminded people to gain different perspectives on a solution and growing as an individual.*

### I embrace and champion change:

*Continuously modifying my way of thinking to improve my abilities as a software engineer and team member.*

### I enjoy taking responsibility:

*Feeling empowered when my work is valued and going above and beyond to deliver results.*

## PROJECT EXPERIENCE (See website)

### Strassen's Algorithm / 2019

*Software Algorithms / Java*

- Created a program that utilized this algorithm to compute matrix multiplication (Algorithm improves efficiency versus regular matrix multiplication)
- Program takes command line arguments, reads text file to initialize matrices and outputs a newly multiplied matrix
- Designed using recursion algorithm

### iTravel Project / 2018

*Software Design / Java, JavaFX, SQL*

- Designed an application for an airline company that allows its employees and customers to access and manage data pertinent to their roles (booking/cancelling tickets, adding flights etc.)
- Used Java and JavaFX to develop a GUI prototype for iTravel forms
- Created SQL database to manage data inputted through iTravel forms

### Bitmap Imaging / 2018

*Computer Science / C++*

- Implemented a program that takes command line arguments and interprets them to produce a bitmap image
- Created program using a class structure and container classes
- Designed project using understanding of polymorphism

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## ACHIEVEMENTS

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### **Continuing Admission Scholarship**

*Western University*

95%+ admission average

### **Top Design ENGSCI 1050**

*Western Engineering Dept.*

Improving Quality of Life, Final Project

### **Dean's List**

*Western University*

2016-2017, 2017-2018

### **League Winners (Coach)**

*Minor Oaks Hockey Association*

PeeWee Hockey, 2015-2016

### **Leader of the Week**

*Town of Oakville Summer Camps*

Week 5 – 2016, Week 1 - 2017

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## INTERESTS

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- Machine Learning
- AI Technology
- Game Design and Development
- Web Technology
- Moral Philosophy and Ethics

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## HOBBIES

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- Tennis
- Skiing
- Playing and Coaching Hockey
- Fitness and Nutrition

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## WORK EXPERIENCE

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### **Camp Counsellor / 2016 - 2017**

*Town of Oakville Skating Camps / Oakville, ON*

- Designed program plan for campers
- Organized the day and adhered to schedule
- Ensured safety of campers on and off the ice
- Communicated with parents on the progress of their child

### **Hardscaping / 2017 - 2018**

*Beau Landscaping / Oakville, ON*

- Worked with hardscaping tools including concrete/wood saws, drilling equipment, grinders/sanders and leveling tools
- Coordinated with my supervisor and customers to ensure that the final product matched specifications
- Ensured proper precautions were taken when working with specific equipment and products

### **Part Time Waiter / 2016 - PRESENT**

*The Grad Club / Western University*

- Tended to customers in a friendly and efficient manner
- Made and poured drinks for customers, providing recommendations when requested
- Coordinated with kitchen staff, waiters/waitresses and bar hands to ensure food and drinks got out in a timely fashion
- Managed time between helping customers, cleaning the bar and stocking the fridges

### **District Soccer Referee / 2016 - 2018**

*Ontario Soccer Association / Oakville, ON*

- Communicated the rules to players and coaches
- Managed and instructed assistant referees
- Mediated conflict between players, coaches and spectators
- Ensured fair play according to FIFA's guidelines

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## REFERENCES

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### **Beau Landscaping – Chris Beaulieu**

- Supervisor and owner
- Phone: 289-795-2328
- Email: [chris@beaulandscaping.ca](mailto:chris@beaulandscaping.ca)

### **The Grad Club – Mark Lalonde**

- Manager
- Phone: 519-636-5080
- Email: [mlalond2@uwo.ca](mailto:mlalond2@uwo.ca)

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Additional references are available upon request