Marianne Dery

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# Education

## Bachelor of Applied Science in software engineering (CO-OP)

September 2019 - Present | University of Ottawa (Ottawa, Ontario)

* Admission scholarship: for having an entrance average over 85%
* Engineering Memorial Scholarships: awarded to only one girl per engineering programs, per year, for her academic and extracurricular achievement as well as her motivation to study in engineering

## Diploma of Collegial Studies in Natural Science

September 2017 - August 2019 | Cegep of Outaouais (Gatineau, Quebec)

* Academic average of 89%

## High school diploma

August 2012 - June 2018 | Collège Saint-Alexandre (Gatineau, Quebec)

* Director General's award of excellence: For her superior academic average, her good behavior and her constant and applied work (06/2013)
* Award of distinction: Waterloo's faculty of mathematics emphasize the success of students who scored within the top 20 percent during Gauss' mathematics contest
* Honorary mentions: Awards received for being within the first percentile rank in Chemistry, Mathematics, Ethics, French, English and Arts (08/2012 - 06-2017)

# Skills & Abilities

## Languages

* Self-learned programming concepts and syntax with online tutorials such as w3schools and codeacademy to create Python as well as Java and JavaScript programs respectively
* Developed back-end software with JavaScript
* Designed interactive web pages with HTML5 and CSS
* Built games with Python 3.0
* Resolved algorithm solutions with Python 3.0

## Projects

* Wrote a scientific report to simplify the backpropagation and genetic algorithms used to train artificial intelligences
* Developed a puzzle game played in the command line
* Conceptualized and implemented an encryption algorithm
* Created an interactive personal web page
* Built a web page to promote a product for an introduction class to software engineering

## Computer

* Completed a class about the software applications Word, Excel, and PowerPoint
* Organized Word and PowerPoint documents accordingly to the different functionalities of the applications
* Analyzed sets of data to find the tendencies and other information (Excel)
* Created graphics and tabs (excel)
* Used formulas to carry out simple calculations and regressions (Excel)

## Communication

### Written skills

* Completed a scientific redaction class
* Wrote a progress report for a web development team project

### Oral communications

* Created and presented an oral presentation about the backpropagation algorithm in front of the students in the natural sciences program
* Participated in a round table about literary works

## Leadership

* Mentored students with their French studies Assisted students for diverse homework through a Homework Assistance program
* Organized and lead meetings for school projects
* Wrote scientific reports in teams

# Experience

## Checkout supervisor

IGA extra famille Plante | 05/2018 - 09/2019

* Took on additional responsibilities which came with the supervisor post within 3 months
* Proved great leadership by dividing the tasks within the work team Gained communication and problem-solving skills through diverse interactions with the clients
* Managed efficiently my time in order to accomplish many tasks simultaneously such as gestion work, supervising the employees and giving a good service to the clients

## Coordination and logistic of promotional material

Action ontarienne contre la violence faite aux femmes | 02/2017 - 05/2018

* Developed great efficacity by assembling promotional briefcases
* Learned organization techniques by working with efficacity

## Babysitter

Parents | 01/2012 - Present

* Supervised the kids to keep them in a safe and reassuring environment
* Demonstrated creativity by creating games to entertain the kids
* Respected the parent’s instructions

# Media

* Github: https://github.com/K3yl3th
* LinkedIn: https://www.linkedin.com/in/marianne-dery-043b06195/

# References

* Will be given upon request