



# MOLAN REN

 m9ren@uwaterloo.ca  
 molanren.github.io

 linkedin.com/in/molanren  
 github.com/molanren

## SKILLS

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**Languages:** C/C++, JavaScript, Racket, R, Python

**Technologies:** Git, Bash, Jira

## EDUCATION

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**University of Waterloo** · COMPUTER SCIENCE & STATISTICS, HONOURS BACHELOR OF MATHEMATICS

Sept 2016-Apr 2021

+ 93.6% average (4.0 GPA)

+ Dean's Honour List for 1A, 1B and 2A Terms

+ President's Scholarship of Distinction (admission average above 95%)

## EXPERIENCE

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**Web Developer** · THE CO-OPERATORS

Jan 2018-Apr 2018

+ Transformed a 72-page report document into an engaging website from scratch using HTML/CSS and jQuery

+ Established cross-browser and cross-device site compatibility and performed accessibility testing

+ Used PHP for templating pages to modularize and avoid repetitive code

+ Developed a webservice using Node.js to communicate with a Stride chatbot through Atlassian REST APIs

**IT Service Delivery Coordinator** · AGF INVESTMENTS INC.

May 2017-Aug 2017

+ Directed weekly Change Advisory Board meetings and led discussions to mitigate the risks associated with IT changes

+ Ensured the smooth operation of IT change management processes and generated reports for audit purposes

+ Improved time efficiency by automating repetitive tasks through the creation of Excel macros

+ Facilitated the integration of 800+ employees by managing user accounts on multiple platforms

## PROJECTS

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**Glass Classification** · R

Apr 2018

+ Generated univariate and multivariate plots to visualize the dataset

+ Trained linear and non-linear models on scaled data in order to predict glass type

**Museum of Modern Art Data Analysis** · PYTHON

Mar 2018

+ Used NumPy and pandas to explore data collected about artworks at the Museum of Modern Art

+ Created bar graphs and pie charts using matplotlib to depict analysis results

**Countdown Extension** · JAVASCRIPT

Aug 2017

+ Built a Chrome browser extension that displays countdown timers for user-specified events

## ACHIEVEMENTS

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**DELFB2 Certification**

June 2016

Awarded by the French Ministry of Education to attest oral and written French-language skills

**Duke of Edinburgh International Silver Award**

June 2016

Awarded for consistent achievements in sports, arts, and community service for a minimum period of 12 months

**4<sup>th</sup> Place Badminton Mixed Doubles Provincial Championships (OFSAA)**

May 2015

Awarded for achieving 4<sup>th</sup> place out of 40 teams at the provincial level