

# Raymond Li

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## OBJECTIVE

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To apply my computing skills within the field of computer programming

## SUMMARY OF QUALIFICATIONS

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- Computer skills:
  - Operating systems: Windows XP/10, Linux
  - Software: MS Office, AutoCAD, Oracle
- Programming Languages: Python, C, Turing, JavaScript, Racket, Java, HTML, R, SQL
- Familiar with GIT Shell commands and SQL database queries
- Strong problem-solving skills; able to effectively identify problems and implement solutions
- Exemplary communication, presentation, and interpersonal skills
- Responsible, trustworthy, eager to learn; works well both individually and in team environments

## WORK EXPERIENCE

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- Data Analyst, Baskin Wealth Management, Toronto, ON 01/2017 - 04/2017
  - Maintained and updated company database
  - Interpreted data and analyzed results, providing reports for portfolios
  - Developed SQL scripts to extract data from multiple sources
  - Accomplished timely delivery of company annual and quarterly reports to clients
- Assistant Soccer Coach, Erin Mills Eagles Soccer Club, Mississauga, ON 06/2013
  - Displayed leadership and interpersonal skills in working with players
  - Organized and developed weekly training exercises
  - Worked effectively as member of coaching staff and communicated with players

## EDUCATION

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*University of Waterloo, Waterloo, ON*

Computing and Financial Management  
09/2015– present

Courses:

- Elementary Algorithm Design and Data Abstraction - programming using C and exploring data structures
- Logic and Computation – comprehend/interpret computational logic

- Introduction to Computer Science 2 - programming using Python and introduction to data structures
- Designing Functional Programs - programming using the functional program Racket

## PROJECTS

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Pixel Gunners ([pixelgunners.herokuapp.com](http://pixelgunners.herokuapp.com)) 08/2016 – present

- Massively Online Multiplayer Game (MMO)
- Pixel-based game featuring custom-made designs and ideas coded in JavaScript
- Collaborate with team member to maintain and update game

Personal Website 06/2016 – present

- Maintain and develop personal website
- Implement features of HTML, CSS, and JS
- Incorporate use of different APIs to improve website functionality

Crossword Solver 12/2015

- Program designed to solve crossword puzzles coded in functional Racket language
- Utilized programming concepts including abstract list functions, BSTs, and graphs
- Emphasized code efficiency and program runtime

Employee Database 04/2015

- GUI and code created with Java and the Netbeans IDE
- Created functioning database to contain employee records
  - Functions included: addition/removal of employee, view database, save database
  - Database could be exported/imported from a text file
  - Password encrypted to ensure safety

## AWARDS AND SCHOLARSHIPS

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- President's Scholarship, University of Waterloo 09/2015
- Certificate of Distinction, Euclid Math Contest, CEMC 07/2015
- Certificate of Distinction, Canadian Computing Competition, CEMC 07/2015
- Citizenship Award, The Woodlands S.S. 07/2015
- Ontario Scholar, Ontario Ministry of Education 07/2015
- Four Year Honours, The Woodlands S.S. 07/2015
- 2nd Decile, COIN, CPAs of Ontario 06/2015
- ICDC Participant, DECA International 04/2015