

RUHAN LI

1B Computing and Financial Management | University of Waterloo ID# 20614004

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OBJECTIVE

- To gain employment within the field of Computer Programming

SUMMARY OF QUALIFICATIONS

- Computer Skills:
 - Operating systems: Windows XP, Windows 10, Linux
 - Software: MS Word, MS Excel, MS PowerPoint, AutoCAD
 - Programming Languages: Python, Java, Racket, Turing, C
- Ability to quickly learn and adapt to new programming languages and problems
- Works well under pressure with deadlines
- Critical thinking skills and analytical ability
- Responsible, trustworthy, punctual; works well individually and in a group environment

EDUCATION

Candidate for Bachelor of Computing and Financial Management,

Computing and Financial Management, University of Waterloo, Waterloo, ON,

Sept. 2015 - present

Crossword Solver, Designing Functional Programs

Dec. 2015

- Created program to solve crosswords given layout of puzzle using Racket
 - Produced results of where each word would be placed and in which direction
 - Outputted results of puzzle in .txt file
- Effectively used programming concepts including recursion, abstract list functions, and graphs
- Improved code efficiency and minimized program run time
- Utilised strong critical thinking and problem-solving skills

Systems Understanding Aid for Financial Accounting, Introduction to Financial Accounting

Nov. 2015 - Dec. 2015

- Prepared financial statements for given company transactions
 - cash flow statements, statement of shareholder's equity, etc.
 - documented transactions
 - prepared closing entries
- Sorted and analysed transactional documents
- Prepared payroll documents and company bookkeeping report

Employee Database Project, Computer Science

Apr. 2015 - May 2015

- Developed user interface using Java IDE (Netbeans)
 - Created aesthetic and user-friendly GUI
- Coded functioning database for company employee records
 - Included functions such as Add Employee, Remove Employee, View Records, and Save Database
 - Allowed for database to be imported and exported from/onto text file
 - Programmed database using Java
- Included additional functions such as a login feature and saving upon exit

Courses: Designing Functional Programs - programming using functional language Racket
 Linear Algebra
 Calculus
 Financial Accounting
 Business in North America

VOLUNTEER AND WORK EXPERIENCE

Soccer Coach at Erin Mills Soccer Club, Mississauga, ON June 2013 - July 2015
Newspaper Carrier at Mississauga News, Mississauga, ON Dec. 2012 - April 2015

AWARDS AND SCHOLARSHIPS

- President's Scholarship, University of Waterloo Sept. 2015
- Euclid Math Contest - CEMC: top 25% of all participants (Canada-wide) July 2015
- Canadian Computing Competition, CEMC: top 25% of all participants (Canada-wide) July 2015
- Citizenship Award, The Woodlands Secondary School July 2015
- Ontario Scholar, Ontario Ministry of Education July 2015
- 2nd Decile, COIN competition: top 20%(Ontario-wide) July 2015
- International Career Development Conference (ICDC), DECA April 2015
 placed among top seven representatives from Ontario in the category of SEPP
- Fermat Math Contest - CEMC placed top 25% of all participants (Canada-wide) May 2015
- Four Year Honours, The Woodlands Secondary School June 2012 - June 2015

ACTIVITIES & INTERESTS

App Development Club, University of Waterloo, Waterloo, ON Sept. 2015 - Present

- Further broadening programming skills
- Developing UI/UX design skills

Computer Science Club, University of Waterloo, Waterloo, ON Sept. 2015 - Present

- Attain and refine programming skills
- Develop critical thinking and problem-solving abilities

Robotics Club (VEX section), The Woodlands S.S, Mississauga, ON Sept. 2013 - June 2015

- Created and designed robot using given materials
- Programmed robot using EasyC programming language
- Competed regionally amongst other schools

DECA (Distributive Education Clubs of America), The Woodlands S.S, Mississauga, ON Sept. 2011 - June 2015