

Henry Du

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Education

The University of Waterloo ***Sep 2014 - Present***

- Enrolled in the Mathematics Honours undergraduate program
- Currently holding a position in the Dean's Honour list

The Woodlands ***Sep 2010 – Jun 2014*** ***Secondary School***

- Graduated from the grade 12 Enhanced Learning Program with Honours

Employment

Jack Astor's ***Sep 2013 – Dec 2014***

- Host at Jack Astor's

ConBravo ***Jul 2012 - Present***

- Organizes an annual convention
- Sets up and takes down all A/V in the convention
- Supervises volunteers

The Mississauga Learning ***Feb 2012 – Sep 2013*** ***Centre***

- Tutor students in Mathematics, English, Science, and any other subject they may have difficulty in

Achievements

- 1st in Fashion Merchandising Category at the annual provincial DECA Ontario competition
- Top Ten in the Fashion Merchandising Category at the International Career Development Conference

Skills

- Fluent in English and Chinese
- Basic proficiency of French
- Great communication skills

Freelance work

Merxmotion

- Converted web designs to an HTML/CSS format

Programming Languages

- Working knowledge of:
 - Turing
 - Racket
 - Java
 - HTML
 - CSS
 - Python
 - C
- Experience in:
 - C#
 - C++
 - JavaScript

Projects

- Employee Database
 - Created a program to manage a database of employee information
 - Created a GUI for ease of use
- Android Maze program
 - Created a prototype for a maze game in android
 - Utilised the accelerometer of android phones to move the character
 - Created an intersection algorithm to handle the collision between the character and the maze wall
- Synked
 - Created a web app which allows two users to view YouTube videos in sync with each other
 - Created using sockets and client/server interactions