

# HAOTIAN YANG

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## EDUCATION

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I am current second years student in Computer Science Specialist at University of Toronto Mississauga.

Courses: STA256(Probability and Statistics) MAT232(Calculus of Several Variables) MAT223(Linear Algebra) CSC108(Introduction to Computer Programming) CSC148(Introduction to Computer Science) CSC207(Software Design) CSC209(Software Tools and System Programming) CSC236(Introduction to the Theory of Computation) CSC263(Data Structures and Analysis) CSC258(Computer Organization)

## SKILLS

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Good at data structures and runtime complexity analysis.

I am interested in design algorithm to optimize the runtime of program.

## COMPUTER LANGUAGE

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Expert: Python

Proficient: Java, C, Assembly

## EXPERIENCE

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-Python: I use Python most of time to solving numerical problem and implement large amount of algorithm.

e.g.

Smith and Blinn's triangulation matting.

Huffman compression algorithm.

-Java: Object Oriented Programming, Design pattern, MVC.

e.g.

painting software as group project.

-C: Multiprocessing.

e.g.

Implemented Sieve of Eratosthenes algorithm to find prime factor by multiprocessing.