

# Hong Kun Tian

Montreal, Quebec, Canada

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## Summary

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I am currently an undergraduate student studying at McGill University in Honours Computer Science. I have a strong familiarity with data structures, algorithms, OOP, as well as functional programming. My most prominent qualities include being highly analytical, detail-oriented, and able to easily adapt to new concepts and situations.

## Education

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### McGill University

B. Sc. Honours Computer Science

- Overall GPA: 3.64 / 4.00
- Expected Graduation: May 2021

*Montreal, Canada*

*Sep. 2018 - Present*

### Marianopolis College

DCS in Pure and Applied Sciences

- Overall R Score: 35.662

*Montreal, Canada*

*Aug. 2016 – Jun. 2018*

## Completed Coursework

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|----------------------------------|-----------------------|------------------------------|
| • Intro to Software Systems      | • Discrete Structures | • Fund. of Computer Graphics |
| • Intro to Computer Systems      | • Numerical Computing | • Probability                |
| • Algorithms and Data Structures | • Operating Systems   | • Functional Programming     |

## Skills

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### Programming Languages

Python, Java, C, C#, Javascript, OCaml, MIPS Assembly Language, Bash

### Technologies

Git, HTML, CSS, Sass, React, ASP.NET Framework, Photoshop, Microsoft Office Suite

### Languages

English, French, Mandarin

## Experience

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### UMAKnow Solutions Inc.

Software Development Intern

- Developed a RESTful API for Clouddokit using ASP.NET Framework
- Built an interactive page using HTML, CSS, Javascript through which end consumers can visualize and interact with the API's endpoints
- Developed test cases that detected irregularities and unwanted changes within template documents and generated documents using Aspose file management APIs

*Montreal, Canada*

*Jun. 2019 - Aug. 2019*

## Projects

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### McGill CodeJam: Pattern Recognition

NLPure — First Place Overall

- Project: Text toxicity detection built using Keras

*Nov. 2018*

### Hack the North

Travel CC

- Project: Currency conversion app built using XE Currency Data API and ML Kit for Firebase

*Sep. 2019*

### Personal Website

<https://hongkuntian.com>

- Personal website built using GatsbyJS and ReactJS featuring a responsive UI

*Jan. 2020 – Present*