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| Siyi DU |

GitHub: <https://github.com/SyDu>

Mobile: | Email：

**Objective:**

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| **EDUCATION** |

**Dalhousie University,** Halifax, NS **Jan 2017-Dec 2019**

**Bachelor of Computer Science, Minor in Mathematics**

* Major Modules: Social Computing, Experimental Robotics, Discrete Structures, Differential & Integral Calc, Introduction to Physics, Computer Science, Differential & Integral Calcll, Matrix Theory/Linear Algebra, Software Development, Algorithms, Software Engineering, Operating Systems.
* Attended ICPC Programming Competition for 2018 on behalf of Dalhousie University.
* Undergraduate Certificate: Communications Tech&Cyber Security.

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| **PROJECT EXPERIENCE** |

**Campus navigation software Project, GitHub** **<https://github.com/SyDu/CSCI3130-Group>**

* Lead the 8-member team to work on the modules of login in, find and reset password, Dal Services and mapping, etc. Responsible for assigning takes, taking control of the project progress, and coding.
* Tools and technologies Involved: Android Studio and Firebase. Navigated and shared the users’ locations with the request API.

**OpenGL-based roller coaster game, GitHub** <https://github.com/SyDu/roller-coaster>

**OpenGL-based meteorite, GitHub** <https://github.com/SyDu/Meteos>

* Solely completed the project with OpenGL, C and include <GLUT/GLUT.h>, and the 3D version of the roller coaster included both the perspectives from the car and visitors.

**UI design Useable security project.**

**(Figma<https://www.figma.com/proto/ypabHROHfk2Ncis9Chc843/Final-Vision?node-id=1%3A3&viewport=46%2C294%2C0.10954241454601288&scaling=scale-down>)**

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| **SUMMARY OF QUALIFICATIONS** |

* A technically savvy, and diligent undergraduate with a major in computer science and minor in mathematics. In-depth understanding of object-oriented programming, familiar with the software development life cycle, from requirements analysis, system design, coding, testing, to go-live, etc.
* Passionate about programming, adept at Java, C/C++. Possessing sound programming habits, strong business sense and technical communication skills.
* Bilingual: Mandarin-native, English-fluent.

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| **TECHNICAL EXPERTISE** |

* Back-end coding: Java, C, C, Python
* Front-end coding: JavaScript, XML, jQuery, CSS
* Database：MySQL, Firebase.
* Operating systems: Windows, Unix, Linux, MacOS, etc.
* Developing tools：Android studio, Eclipse, Intellij, Sublime Text.
* Network communication protocol: TCP/UDP, inter-process communication.
* Self-taught Programmer: W3Schools and StackOverflow.