

RUI GUAN

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EDUCATION

EDWARD S. ROGERS SR. DEPT. OF ELECTRICAL & COMPUTER ENGIN., Toronto, Ontario, Canada **September 2023**

- Current Study

SCHULICH SCHOOL OF ENGINEERING, UNIVERSITY OF CALGARY, Calgary, Alberta, Canada **September 2018**

Bachelor of Science, Major in Software Engineering

- Cumulative GPA for 4 years: 3.64/4.0
 - Cumulative GPA for last year courses: 3.48/4.0
- Honors: University of Calgary International Undergraduate Awards 2019-2020, Dean's List 2021-2022.

ACADEMIC PROJECT

Embedded Software Development:

- Breast Cancer Imaging: In a 6-member group to design an embedded software on the ZYNQ device to provide the user interface and the FPGA wave data process for Breast Cancer Imaging. The sponsor company is Wave View Imaging. Be responsible for the GUI. **Fall 2022**

Web-System Development:

- Library Management System: In a 6-member group to design and build a Library Management System by HTML, Java and Springboot. Be responsible for the front-end and JUnit test part. **Winter 2022**
- University Course Schedule: In a 3-member group to design and build a University Course Schedule Creator by Asp.Net and C#. Be responsible for the front-end and Controller. **Winter 2022**

Software Development:

- Rental Property Management System: In a 4-member group to design and build a Rental Property Management System by Java. Use MySQL as the database. Be responsible for the Controller and GUI. **Fall 2021**

TECHNICAL SKILLS

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| ○ Programming Languages: Proficient: C, C++, Java, Processing; Fluent: C#, Python | ○ Software Testing: JUnit testing |
| ○ Script Languages: JavaScript, ASP.Net | ○ Data Analysis: Hadoop, Spark |
| ○ Web-System Development: HTML, CSS, Node.js | ○ Graphic: OpenGL |
| | ○ Database: SQL |
| | ○ Git |

EXTRA-CURRICULAR ACTIVITIES

- **Vice President of Chinese Student and Scholars Association (UCCSSA)** **Fall 2019 - present**
 - Manager of the financial department, be responsible for all the income/expense of the association.
 - Meeting with the Ambassador of the People's Republic of China to Canada, Peiwu Cong, as one of the Chinese students representatives.
 - Participate to organize events such as the University of Calgary Chinese International Student Orientation and Calgary Chinese International Student Spring Festival Gala