

# RUI GUAN

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## EDUCATION

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**UNIVERSITY OF TORONTO, DEPT. OF ELECTRICAL & COMPUTER ENGINEERING**, Toronto, Ontario, Canada **September 2023**

- Current Study

**UNIVERSITY OF CALGARY, SCHULICH SCHOOL OF ENGINEERING**, 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

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### 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. **Fall 2022**

### Web-System Development:

- Distributed E-Commerce System: In a 5-member group to design and build a E-Commerce System by React, Node.js and SQLite **Winter 2023**
- Library Management System: In a 6-member group to design and build a Library Management System by HTML, Java and Springboot. **Winter 2022**
- University Course Schedule: In a 3-member group to design and build a University Course Schedule Creator by Asp.Net and C#. **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
- Script Languages: JavaScript, ASP.Net
- Web-System Development: HTML, CSS, Node.js
- Software Testing: JUnit testing
- Data Analysis: Hadoop, Spark
- Graphic: OpenGL
- Database: SQL
- Git

## EXTRA-CURRICULAR ACTIVITIES

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- **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