

# Haohu Shen

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## EDUCATION

- University of Calgary** Calgary, Alberta, Canada
  - Bachelor of Computer Science - GPA: 3.73/4.0* *July 2018 - Dec 2021*
  - Courses: Computing Machinery I and II, Principles of Operating Systems, Design and Analysis of Algorithms I, Programming Paradigms, Data Base Management Systems, Computer Networks, Introduction to Computer Graphics*
- Guilin University of Technology** Guilin, Guangxi, China
  - Bachelor of Engineering; GPA: 89.9/100* *July 2011 - June 2016*

## SKILLS SUMMARY

- Languages:** Java, Golang, Cpp, Python, MySQL, Bash
- Frameworks:** SpringBoot, MyBatisPlus, Redis
- Tools:** Git, Postman
- Platforms:** Linux, Github
- Problem Solving:** Love solving problems in [Leetcode](#), [Kattis](#) and [Hackerrank](#)

## AWARDS

- International Collegiate Programming Contest**
  - Won silver medal in North America Rocky Mountain Regional Programming Contest* *March 2021*
- Dean's List placement in UCalgary**
  - In the dean's list for the 2019-2020 academic year*
- Programming Ability Test of Zhejiang University, China**
  - Ranked 1st in Basic Level (Certificate ID: B1712094273118010)* *Dec 2017*

## TEAM PROJECTS

- Student & Faculty Information Manager:** A form-based desktop application which simulates the scenario that students, faculty members and administrators in a university institution to create/manage accounts. We use the course IDs in UCalgary for simulation. Tech: JavaFX, Jsoup, JUnit, SQLite (April '19)
- UCalgary Online Secondhand Trading System:** An online trading system for students only running on the web and keeps track of information using a database. We used UCalgary as our example and supposed that we were given the API to access students' accounts. Tech: PHP, MySQL, JavaScript, Python (Dec '19)
- Hotel Online Booking System:** An online booking system running on the web. Guests and hotel employees interact in the front-end. Info will be stored and updated in the back-end. Tech: MyBatis, SpringMVC. (April '20)
- An Online Image Editor:** An online image editing tool that allows multiple users' collaboration in realtime on the web. Tech: NodeJS, MySQL, Bootstrap (Dec '20)

## SIDE PROJECTS

- Caches:** Implementations of caches using FILO, FIFO, LRU and LFU policies Tech: CMake, Catch2. (Sept '13 2020)
- Rational:** A simple implementation of Arbitrary-Precision Fraction Tech: Maven, Junit. (Jan '1 2021)

## EXTRACURRICULAR ACTIVITIES

- Competitive Programming Club - Dec.2018 - Present
- Programming competitions
  - Placed [12th out of 85 teams](#) in Calgary Collegiate Programming Contest 2020 (Division 1)
  - Placed [4th out of 37 teams](#) in Alberta Collegiate Programming Contest 2020 (Division 1)
  - Placed [10th out of 56 teams](#) in Calgary Collegiate Programming Contest 2021 (Division 1)
  - Placed [4th out of 28 teams](#) in Alberta Collegiate Programming Contest 2021 (Division 1)
- Calgary Hacks 2020 - February, 2020
  - Collaborated in the Team QUEST RUSH
  - The project is available at: [University-Public-Resources-Portal](#)
- Be involved in the Open Source project OI-Wiki by pulling requests. The record of commits: .