

# Shuyao Wen

github.com/ShuyaoWen

## TECHNICAL SOFTWARE SKILLS

- C/C++
- Java
- Python
- Git/GitHub
- HTML/CSS/JavaScript
- React
- Flask
- Django
- Android Development
- React Native

## EDUCATION

**University of British Columbia**  
***Bachelor of Applied Science – Computer Engineering***

- Enrolled in Engineering Co-op program
- Cumulative Grade: 85%

**Expected Graduation April 2023**

## TECHNICAL PROJECTS

**Personal Portfolio Page** **July 2020**

- Static webpage written using HTML/CSS/JavaScript
- Gained experience in front-end web development

**Remote-Control/Light-Seeking Robot Car** **March 2020**

- Fully functional remote-controlled robot car using Bluetooth
- Features include line-following mode, remote-control mode, gesture mode
- Gained experience in Bluetooth connection, developing on Raspberry Pi, Python, and teamwork

**Assembly Code Debugger** **January 2020**

- Debugger processes Y86 assembly code using C
- Features include stepping through code, running code, changing program counter, add/remove break points, print register values, examine memory
- Gained experience in debugging, C/assembly programming, and teamwork

**Guessing Game App** **April 2019**

- Designed and implemented a native Android application using Android Studio and Java
- Features include different levels of game difficulty, statistics recordings, and push notifications
- Gained experience in android app UI design, Java, XML

## VOLUNTEER EXPERIENCE

**University of British Columbia, Vancouver, BC** **March 2019**  
***Engineering Open House Volunteer Leader***

- Responsible for coordinating volunteers at engineering open house event
- Demonstrated leadership skills and implemented event management strategies

**Calgary Public library, Calgary, Alberta** **September 2014 – December 2014**  
***Reading Volunteer***

- Volunteered at public library in a program designed to encourage young children to read

## INTERESTS & ACTIVITIES

- Hackathons
- Mathematics
- Bike mechanics
- Music
- Sports and fitness