

# Andrea Shao

BASC, Computer Engineering Major

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## HIGHLIGHTS

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- **Programming:** Java, C/C++\*, Python\*, HTML & CSS, Verilog
- **Environment/Tools:** Git, Bash, IntelliJ IDEA, VS Code
- **Testing:** JUnit

*\*currently acquiring*

## EDUCATION

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

**Expected Graduation: May, 2023**

- Dean's Honours List for 2018 Winter Session
- Available for 4, 8, or 12 months beginning May 2020
- Cumulative average: 85%

## TECHNICAL PROJECTS

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**Planet Searching Game**

**October – November, 2019**

- Created planet searching game with a partner to support an undirected graph data structure and verified correctness through unit and regression testing
- Explored fundamental ideas of object-oriented programming such as abstraction, inheritance, subtyping
- Skills: Java, Git, IntelliJ IDEA, JUnit

**UBC Table Tennis Club Website**

**June, 2019**

- Developed a webpage for the UBC Table Tennis Club using HTML and CSS for users to find basic information regarding drop-in nights and competitions
- Collaborated using Git with a group of 4 others to code website from scratch
- Skills: HTML, CSS, Git, Bash

## VOLUNTEER & WORK EXPERIENCE

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**Women in Engineering**  
***Outreach and Education Committee***

**September, 2019 – Present**

- Collaborated with a team of 8 to increase encouragement and enrollment of women and other minorities in engineering disciplines through panel talks and workshops
- Reached out to neighbouring high schools to offer mentorship aimed at female students looking to pursue STEM fields

**Bourbon St. Grill**  
***Shift Manager***

**October, 2017 – Present**

- Developed clear and adaptable communication skills through providing customer service and exercised delegation and decision-making capabilities through being a shift manager
- Gained leadership skills through interviewing and training new employees to work independently within a 2 – 3 week span