

## SHANGZHOU XIA – COMPUTER ENGINEERING SOPHOMORE

### SKILLS AND KNOWLEDGE

- Software: Java, C, Verilog, Arm Assembly, HTML, MATLAB, Microsoft office
- Hardware: Oscilloscope, data acquisition system, DE1-SOC, Arduino,
- Certificate: BC Class 7 Learner Driver's License
- Economics: Theory of microeconomics and macroeconomics

### EXPERIENCE

#### **8-Orange, China**

July 2021 – August 2021

Role: Marketing Intern

- *Conducted market research on a shaving product*
- *Promoted the branding of SUPRENT*

#### **GIMC, China**

July 2018 – August 2018

Role: Data Analyst Intern

- *Collected and analyzed GIMC's advertisement click-through rate*
- *Recorded GIMC's schedule of advertising*

### EDUCATION

**University of British Columbia**  
**Expected Graduation: May 2024**  
*Bachelor of Applied Science,  
Computer Engineering, year 2*

- Culminative GPA = 82.8%
- Programming in C = 82% || Linear Algebra = 86% || Mechanics 96%
- Dean's List

### PROJECTS

- [www.simon-cracking.com](http://www.simon-cracking.com): learned how to integrate different ideas, activities in drama class to the basketball program in which I volunteered
- CPEN 211 Labs: Learned how to build a CPU in Verilog and performed on De1-Soc
- CPEN 221 MP1: learned how to integrate Google Sentiment analysis and implement java class to analyze text
- APSC 101: learned how to give input to Arduino and how to obtain output from it
- APSC 101: learned how to create a trade-off system using excel
- APSC 160: learned how to use a Data Acquisition System

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**VOLUNTEER  
EXPERIENCE**

**ECESS, University of British Columbia, Vancouver, BC**

October 2021 to present

Role: General Volunteer

- Program Fair Assistant *at UBC open house event in November*

**Applied Science program, University of British Columbia, Vancouver, BC**

July 2021 – September 2021

Role: Orientation Leader in Applied Science First-Year Engagement Program

- *Organized Biweekly virtual meetings to communicate with first-year students and to address their questions*
- *Welcomed and led a group of first-year students on Imagine Day*

**North Vancouver Recreation Center, Vancouver, BC**

March 2018 – September 2019

Role: General Volunteer

- *Helped organize North Vancouver Strong Events –teenagers cross country events -- for two consecutive years*

**North Vancouver Recreation Center, Vancouver, BC**

March 2018 – September 2019

Role: Basketball Program Co-Instructor

- *Developed and organized weekly teenagers basketball session*
- *Set up and tidied up the stadium*

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**AWARDS**

**REFERENCE NAME, COMPANY**

- International Student Award at Saint Thomas Aquinas Regional Secondary School in 2020
- First Class Honor Roll at Saint Thomas Aquinas Regional Secondary School in 2020
- Fermat Math Contest top 25% in Canada in 2019