

# SOPHIE JIANG

Computer Science & Business Administration 3A

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## SKILLS

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- **Languages:** C, C++, Java, JavaScript, HTML, CSS, SQL
- **Tools & Frameworks:** Google Web Toolkit, React, Unity, Android Studio, Git, Bash, Linux,

## EXPERIENCE

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### Full Stack Software Developer | Shareworks by Morgan Stanley

Calgary, Alberta

Jan 2019 – Apr 2019

- Implemented logger that tracks specific API calls and queries to databases, reducing feature testing efforts by 25%
- Redesigned and developed frontend features with GWT and React for the client facing side of the core product used by thousands of customers
- Built new customer-requested features from end to end, meeting with clients to discuss product plans, design updates and present demos of ready to ship features

### IT Client Support Specialist | Ontario Securities Commission

Toronto, Ontario

May 2018 – Aug 2018

- Provided technical support to end users, working in teams and independently to maintain, analyze and troubleshoot hardware/software issues
- Contributed and utilized PowerShell scripts to modify user access to databases and remotely monitor network activity, eliminating frequent human check-ups
- Configured laptops, working in BIOS and Windows Registry to implement suitable company settings for internal deployment

## PROJECTS

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### Biquadris

- A variation of Tetris expanded for two player competition, complete with both ASCII and XWindows graphics
- Includes various levels of difficulty and special effects that users can select for an enhanced playing experience
- Developed in C++, using Xming for graphical display

### Meditating with VR | Hack the North

- Worked closely in team of three to create app that displays various interactive, audiovisual meditative environments to users with use of virtual reality glasses
- Virtual reality environment graphics designed with Unity
- Utilized Android Studio to implement app access to meditative graphics for compatibility with VR glasses

### Interactive Hangman Game

- Developed interactive Hangman Game with ASCII visual progress of game through C
- User is able to play endless rounds of Hangman against system that continuously generates new words for player to guess

## EDUCATION

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### University of Waterloo

- Candidate for Bachelor of Computer Science

Waterloo, Ontario

September 2017 – Present

### Wilfred Laurier University

- Candidate for Bachelor of Business Administration

Waterloo, Ontario

September 2017 – Present

## INTERESTS

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Badminton • Learning Foreign Languages • Escape Room Games • Exploring Mountains • Watching Documentaries