SOPHIE JIANG

Computer Science & Business Administration 3A

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SKILLS

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

EXPERIENCE

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

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

University of Waterloo *Waterloo, Ontario*
September 2017 – Present

- Candidate for Bachelor of Computer Science

Wilfred Laurier University *Waterloo, Ontario*
September 2017 – Present

- Candidate for Bachelor of Business Administration

INTERESTS

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