Evan Li

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Education:

University of Alberta   Expected Graduation Dec. 2019
    Bachelor of Science in Psychology and Computing Science
    Relevant Courses: Formal Systems & Logic, Practical Programming Methodology, Intro to Software Engineering

Languages and Technologies:

- Databases: SQL, Firebase
- Software: Microsoft Office, Android Studio, Atom, Git
- Languages: (*proficient)*: C, Java, XML; (*familiar)*: Python, JavaScript, HTML5, CSS

Job Skills:

- Creative Thinker
- Strong Communication Skills
- Enjoys Teamwork

- Critical Analysis
- Detail Oriented
- Goal Setting and Planning

Software Projects:

Website: https://evanatgithub.github.io/Projects/
iShelf – android book sharing app (in-progress)   **Firebase, Java, XML**
- Allows for books exchange between friends and book-lovers alike
- Incorporates ISBN scanner for easy book logging
- Integrates Firebase for storing user accounts, books, and ratings in an online database which includes cloud functions, crash reporting, and performance monitoring
- Wrote unit tests for certain classes to ensure bug free software at every stage of development

Rock Paper Scissors Online Game   **JavaScript, CSS, HTML5**
- Simple online player vs. computer rock paper scissors game
- Improved visual aesthetic of the layout through colour to highlight different game states
- Designed effective transitions between actions which creates a smoother flow between action and result

Sudoku Solver   **C**
- Implemented a recursive-backtracking algorithm as the method of solving as it is the simplest implementation which guarantees a solution while reducing strain on memory
- Allows for the manual input of sudoku values and input from a text file depending on user preference

Memory Game – remember what each facedown card is and match them   **Python, Pygame**
- A fun game created in Python
- Includes timer which displays the total time taken
- Randomly generates card positions so game changes after every iteration

Personal:

Hobbies
- Community Badminton
- Home Cook