**Jinsoo Yoo (Jason)**

*2nd Year Computer Science Major*

**Technical Skills**

* Technologies: C, C++, Java, HTML, XML
* Softwares: Android Studio, IntelliJ, Terminal

**Projects**

* ***RainCatcher*** *(Personal) Dec 2016*
  + - Learned libGDX, a Java-based game developing framework, to create a game where the player catches falling rainwater using a mouse
    - Included a menu screen, score counter, music and sound effects
* ***Concurrency and Synchronization Challenge*** *(Academic) Mar 2017*
  + - Solved concurrency challenges such as the classic cigarette smokers problem, producer consumer problem, and more on C using POSIX Thread library (pthreads)
    - Appropriately utilized locks, semaphores, parallelism and polymorphism concepts
* ***BusesRUS: A Java App for Android*** *(Academic) Nov 2016*
  + - Parsed JSON data from Translink (Vancouver public transit) website to display real time data of bus arrival
    - Used JUnit testing to ensure the program’s robustness
    - Independently researched the basics of OpenGL, an Android API
    - Obtained a mark of 96% in the relevant software development course, CPSC 210

**Technical Extracurricular Activities**

* ***SoloLearn: HTML, CSS, and JavaScript Courses***  *Apr 2017–Present*
  + - Self taught HTML / HTML5 and am currently learning CSS
    - Created a basic, HTML only satirical webpage related to the Korean Presidential Election that involves images, links, and tables
* ***nwHacks*** *Mar 2017*
  + - Worked in a team of 5 to design and implement an Android app for people to find and promote local free events called FreeFindR
    - Contributed to the front end by writing async tasks, JSON parser, managers, and views
    - Motivated team members through a series of obnoxious bugs and actively asked assistance from others, resulting in the app’s near completion
* ***Udacity Course: Developing Android Apps*** *Feb 2017–Present*
  + - Self taught Android programming concepts such as activities, layouts, xml, and more
    - Used networking principles to fetch data from the web and display them on an app
* ***HackerRank Challenge: 30 Days of Code***  *Feb–March 2017*
  + - Consistently solved coding problems for 30 days to review and learn new concepts
    - Reviewed regular expressions, bitwise operations, binary search trees, and more
* ***UBC Local Hack Day*** *Dec 2016*
  + - Attempted to implement a mobile app on Android Studio that promotes safe drinking
    - Integrated object oriented design process into our attempt

**Work Experience**

* ***Math Tutor – Math Tutor Network.*** *May–August 2014, Mar 2016–Present*
  + - Am teaching elementary to high school students mathematical topics ranging from basic algebra to calculus 12
    - Am presenting challenging concepts in an easy-to-understand fashion without the loss of accuracy nor information
    - Became accustomed to working in a professional environment and addressing concerns of students and parents
* ***Textbook Editor – Infinite Challenge Publishing Ltd*** *Dec 2014–Feb 2015*
  + - Edited *Pre-Calculus 12*, a textbook that is now being used by certain schools in Vancouver
    - Rigorously checked over 200 pages worth of texts and problems for errors
* ***Private Swimming Instructor*** *July–Aug 2014*
  + - Taught children swimming and honed interpersonal communication skills
    - Improved leadership by learning how to make people cooperate

**Volunteering**

* ***Piano Tutor – UBC HCPP Club*** *Oct 2015–Apr 2016*
  + - Weekly visited a school to teach elementary students piano and musical theory
    - Inspired beginner students to be more passionate about music
* ***Peer Tutoring*** *Sep 2014–Apr 2015*
  + - Assisted colleagues of the same grade with school assignments and test preparation
    - Improved three students’ math grade by more than 10%

**Education**

* ***University of British Columbia***  Sep 2015–Present
  + - Bachelor of Computer Science
    - Cumulative Average: 86.6%

**Jinsoo Yoo (Jason)**