



William Wang
Year 2, Computer Science Major
<https://github.com/willywwang>

TECHNICAL SKILLS

Languages: Java, Python, C++*

Applications: Microsoft Office, IntelliJ, PyCharm, Android Studio, Visual Studio, Sublime Text 3

Database: SQL

Operating Systems: Windows 10, Ubuntu 16.04

**Currently learning*

TECHNICAL PROJECTS

Battleship Game (Personal) May – July 2016

- Created game in Python through the use of loops and conditionals and displayed the entire game setting in console
- Created intelligent A.I. which behaves similarly to a human in regards to a ship being hit and a ship being downed
- Developed user and A.I. to have multiple ships and to be informed when ship is hit or downed
- Designed the game to be modular and object-oriented for accessibility

Mind the Gap Android App (Academic) March – April 2016

- Developed an Android app in Java to track the London subway system and provide real time data on arrival times
- Wrote JSON parsers to retrieve API data from London database and visually display it on map
- Tested functionality and features of app and added exception handling
- Demonstrated various functionality of application and explained implementation of functionalities

WORK EXPERIENCE

West Vancouver Kumon Center - Team Leader May 2013 – Aug 2016

- Promoted to team leader after 2 years
- Managed classroom and allocated duties accordingly
- Trained new employees and tutored around 60 students from kindergarten to grade 12 weekly in math and reading
- Scheduled and distributed students' work for future weeks (homework, corrections, tests)
- Tracked the progress of 200 students and created a monthly report regarding each student's progress

Affinity Managed IT - Support Technician February – August 2016

- Provided remote and phone assistance for clients for varied Windows environments (XP, 7, 10)
- Setup, repaired, and upgraded desktop for clients and connected them to main server
- Troubleshoot mobile and tablet devices and their software (Android, IOS)

West Vancouver International - Orientation Program Student Leader June – August 2015

- Processed and entered students' data into the system (Visa, Passport)
- Interacted with high school students from abroad such as China, Germany and Brazil
- Toured and supervised students around the City of Vancouver
- Organized outdoor games and small classroom activities

VOLUNTEER EXPERIENCE

Sentinel Secondary - Student Council Executive Treasurer May 2014 – June 2015

- Managed and maintained the finances of the student council
- Created and oversaw events to raise funds and encourage school spirit
- Organized and kept track of cashbox funds
- Delegated responsibilities to student council

Sentinel Secondary - Basketball Coach May 2014 – June 2015

- Assisted in coaching Grade 8 basketball team and various elementary school teams
- Drilled the children on various plays and fundamentals
- Prepared and organized practices and scrimmages
- Interacted with school administration, teachers, and parents

West Vancouver School District - Summer Camp Volunteer May 2011 – Aug 2012

- Supervised students ages 5 - 13 during recess and lunch breaks
- Assisted instructors with office work and fulfilled any requests
- Helped with clean-up and setup of camps

EDUCATION

University of British Columbia Sept 2015 - Present
Bachelor of Science; Major: Computer Science

SCHOLARSHIPS AND AWARDS

Passport to Education	2015
AP Scholar with Distinction	2015
Sentinel Secondary General Academic Scholarship	2015
Principal's List 4.0 GPA	2011 – 2015