

RICHARD TIAN

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Education

JN Burnett Secondary School

2011-2016

- 5 years on JN Burnett Honor Roll for Academic Excellence and Work Habits
- Recipient of the JN Burnett Secondary Scholarship

University of British Columbia

2016-Present

- Computer Engineering in the Bachelor of Applied Science program
- Dean's Honour List standing

Skills

Languages: Java, Python, C, C++, HTML, CSS, Javascript, XML, Verilog, ARM Assembly, X86 Assembly

Software: Eclipse, Android Studio, Atom, Vim, Microsoft Office

Other: Unix OS, Windows 7 OS, JUnit Testing, JSON file format

Projects

Vancouver Translink Bus Texting App *Java, XML*

- Android app created to ease getting the arrival of the next bus

Smart Lock using NFC Communication *Python, Java, XML, HTML, CSS, Javascript*

- Lock system that allows access through the tap of an android app to a Raspberry Pi, with verification done by a cloud server

Personal Website *HTML, CSS*

- Website used to visually display my projects and work

Arduino Robot *C++*

- Robot designed to perform a variety of actions, such as autonomous driving and following a line of tape

Experience

Private Tutor

2015-Present

- Highschool level tutor in Math, Chemistry, Physics, and English

Bushiroad Judge *Bushiroad*

2017-Present

- Judge at the bi-annual Vancouver Bushiroad Championship Series

Sales Associate *Kin's Farm Market*

2017

- Sales associate and stock clerk at a grocery store

Sustainability Leadership Event Co-host *Metro Vancouver*

2015

- Co-host of the 2015 Zero Waste Leadership Clinic, an event that explored the impact of waste and promoted its awareness among youth