Alvin Nguyen

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Education

University of Washington Tacoma — Tacoma, Washington
B.S. Computer Science and Systems — January 2017 - June 2018

Experience

Bellcodo Coder Dojo — Bellevue, WA
Volunteer — January 2017 — October 2017

- Assisted students ages 7+ as they learned fundamental computer science concepts.
- Offered guidance and instruction during lessons of object oriented programming
- Utilized various technologies including Python

Coding With Kids — Seattle, WA
Instructor — October 2017 — Present

- Teach programming and computer science classes to students K-12
- Introduce computer science fundamentals through structured and purposeful lessons
- Engage students by catering projects relative to students' interests

Skills

Programming Languages:	Java, C, Python
Environments:	Eclipse, PyCharm, Unix/Linux,

Projects

SliderPuzzle *Java, Swing* — https://github.com/alveeno/sliderpuzzle

- 15 picture piece slider puzzle featuring T-Mobile logo
- Object Oriented programming concepts utilized and practised
- Team collaborated project created under 24 constraint at CodeDay 2017

LC-3 Simulator *C* — https://github.com/alveeno/LC3Sim

- Simulator of LC-3, an educational assembly language
- Implemented logical behavior for LC-3 instructions and program logic

TicTacToe *Python* — https://github.com/alveeno/tictactoe

- Created to demonstrate the complexities of logic and programming to children