

ALVIN NGUYEN

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EDUCATION

University of Washington Tacoma
B.S. Computer Science and Systems

Tacoma, Washington
January 2017 - June 2018

EXPERIENCE

Bellcodo Coder Dojo
Volunteer

Bellevue, WA
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
Instructor

Seattle, WA
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, IntelliJ, PyCharm, Linux, MacOS, Windows

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 created for a class
- 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

My Website *Bootstrap, HTML, CSS, JavaScript*

<https://github.com/alveeno/alveeno.github.io>

- Created a static one page website to portray myself creatively and professionally