

Kyle Fiscus Dybdal

3621 N. 16th St.
Tacoma, WA 98416
651-361-0164

EDUCATION

Bachelor of Science in Computer Science
University of Puget Sound, Tacoma WA, expected May 2015
Minor: Mathematics GPA: 3.3/4.0

COMPUTER SCIENCE BACKGROUND

- *Languages:* Java, Python, Haskell, HTML5/CSS, Javascript
- *Courses:* Intro to Algorithms and Data Structures, Functional Programming, Math for Computer Science, Software Engineering, Assembly Language and Architecture, Graphics
- *Personal Education:* Codecademy Courses: Python, HTML/CSS, and Javascript

PROJECTS

- *Class:* Huffman Encoder - <https://github.com/dybdalk/huffman-encoder>
 - Utilizes custom trees to create a Huffman Encoder written in Java
- *Class:* OpenGL Android Applications - <https://github.com/dybdalk/cs315-opengles>
 - Small applications that showcase some of the uses of OpenGLES and its integration with Android
- *Class:* Haskell Combination Lock Generator - <https://github.com/dybdalk/haskell-lock-gen>
 - Demonstrates the capabilities of functional programming by generating the most secure "rotors" their characters for a word-based combination lock when given a number of rotors, number of characters per rotor, and the number of characters that should be considered for each rotor
- *Personal:* Python Platform Game - <https://github.com/dybdalk/to-the-heights>
 - A simple platform jumping game written in python. it's in pre-alpha right now, so it's playable, but a lot of the artwork and rules tweaks have yet to be implemented

EXPERIENCE

Special Events Intern January 2012-present
Tacoma College Ministries, Tacoma, WA

- Organized multiple weekend long trips for 40-50 people
- Helped coordinate a fundraiser bringing in \$18,000

EXTRA- CURRICULAR ACTIVITIES

Elected: *Vice President*, Lighthouse Interdenominational Christian Fellowship
Elected: *Music Chair*, Sigma Alpha Epsilon Fraternity
Participant: Theatre Productions, Jazz Combo, ACM