Vim Quick Reference:

Vim General:

- Vim Leader - Comma ','
- Ctrl + r - Redo
- F10 - Toggle insert mode
- w / b - Move forWard or Back a word
- ^ / $ - Move to beginning or end of line
- { / } - Jump forward or back to next empty line
- H / M / L - Jump to beginning, middle, or bottom of the screen
- gg / G - Jump to beginning or end of the file
- ggVG - Select all text in a file
- Ctrl + v - Column select mode
- Ctrl + v, Select, Shift + i - Insert text into a column
- >> or << - Indent current selection left or right
- Ctrl + t or Ctrl + d - In insert mode, indent the current line left or right

Copy and Paste To/From System Clipboard

- ,y - Yank the current selection to the system clipboard
- ,yy - Yank the current line to the system clipboard
- ,cp - In normal mode, paste from the system clipboard to Vim
- Ctrl + Shift + V - In insert mode, paste from the system clipboard into Vim

Window Splitting:

- Alt + up or down arrow - Split Vim window horizontally
- Alt + left or right arrow - Split Vim window vertically

Window Movement:

- Ctrl + up or down arrow - Move up or down in vim windows
- Ctrl + left or right arrow - Move left or right in vim window

Code Folding:

- za - Toggle current fold
- zR - Open all folds
- zM - Close all folds

Opening URLs in External Browser

- gx - Open the link under the cursor in the external browswer

Filenames:

- ,f - Copy the current file's filename to the buffer

CtrlP - fuzzy file searching:

- Ctrl + p - open CtrlP search window
- ,o - open CtrlP buffer search window
- ,p - open CtrlP most recently used and file search window
- ,[- open CtrlP tag search window
- Ctrl + f/b - Move forward and back in the search modes
- Ctrl + x - open selection in a new horizontal split

Ags Searching:

- ,s - Search for all instances of the word under the cursor
- :Ags - Use Ag to search the current path for
- p / P - in an Ags search, navigate to next or previous file path
- r / R - in an Ags search, navigate next or previous search
- oa - in an Ags search, open below the results window

Easymotion

- + two letters OR ,,s + two letters - Easymotion to two letter matches
- ,,l - Easymotion to the start of a line
- ,,w - Easymotion to the start of a word
- (ez)/ + searchString - (Easymotion or Fuzzy) forward search for searchString in current windows
- (ez)? + searchString - (Easymotion or Fuzzy) backward search for searchString in current windows
  - Tab and Shift-Tab - During a search to navigate to matches
  - n/N - After a search to navigate to matches

NerdTree:

- Ctrl + n - Toggle NerdTree window
- r/R - refresh cursor or root directory
- C - Set tree root to selected directory
- I - Show hidden files
- p/P - Go to parent or root directory
- K/J - Go to first / last child
- i - Open in new split
- o/O - Open node (recursively)
- x/X - Close node (recusively)
- ,nf - Find the current file in NerdTree
- cd - Change the current working directory to the selected node

NerdCommenter:

- cc - Toggle comment
- ,cc - Comment out the selected line(s)
- ,cu - Uncomment out the selected line(s)
- ,cm - Comment block using a single multi-line comment

Tagbar:

- Ctrl + T - Toggle tagbar
- :UpdateTags - command to force a tag update

Ultisnips:

- Tab - Expand selected snippet
- Tab - Jump to next snippet section
- Shift + Tab - Jump back to past snippet section

- :UltiSnipsEdit - Open associated snippets file for edit

Window Splits

- ,- - Reduce the current split's size
- ,= - Increase the current split's size

Cscope and Ctags Initialization

- ,i - Initialize cscope and ctags files in Vim

CScope

- cscope -R -b - Generate the cscope.out database from the command line.
- Cscope - source the default cscope.out file. Can also csa ...
- csf - cs find
- Ctrl + \ then - search for item under cursor in current window
- Ctrl + space then - search for item under cursor in new horizontal split
- Search types:
  - 's' symbol: find all references to the token under cursor
  - 'g' global: find global definition(s) of the token under cursor
  - 'c' calls: find all calls to the function name under cursor
  - 't' text: find all instances of the text under cursor
  - 'e' egrep: egrep search for the word under cursor
  - 'f' file: open the filename under cursor
  - 'i' includes: find files that include the filename under cursor
  - 'd' called: find functions that function under cursor calls

CTags

- ctags -R . - generate a new tags file for the current directory tree
- :set tags+=tags - add the ./tags file to the tags file definition
- Ctrl +] - Go to the definition of the current tag under the cursor
- :tag - to search the tags file for the tag
- CtrlP can also search tags - see its section for info