

howto do a fresh Ubuntu 18 install

- choose minimal installation when installing (so you don't get crap like thunderbird)
- download Chrome, login
- `sudo apt update`
- vim stuff
 - `sudo add-apt-repository ppa:neovim-ppa/stable`
 - `sudo apt-get update`
 - `sudo apt-get install neovim`
 - * swap caps and escape
 - copy over nvim config file (to `~/.config/nvim`)
 - `source init.vim`
 - `:PlugInstall`
 - making YouCompleteMe work is a bit difficult
 - * `sudo apt install build-essential cmake vim python3-dev`
 - * run `python3 install.py` in `plugged/YouCompleteMe`
 - fzf:
 - * `git clone --depth 1 https://github.com/junegunn/fzf.git`
 - * `~/.fzf`
 - * `~/.fzf/install`
 - ag: `sudo apt-get install silversearcher-ag`
- terminal stuff
 - terminal preferences: pure black background, pure white text, hide thing that says file and stuff
 - `sudo apt install curl`
 - `sudo apt install zsh`
 - download oh-my-zsh `sh -c "$(curl -fsSL https://raw.githubusercontent.com/ohmyzsh/ohmyzsh/master)`
 - make sure zsh is set as the default terminal `chsh -s $(which zsh)`
 - copy over my `.zshrc` file (note: requires installing a package in `~/.oh-my-zsh/plugins`)
 - * `git clone https://github.com/zsh-users/zsh-syntax-highlighting.git`
- coding stuff
 - python3 included automatically
 - g++ included automatically
 - `sudo apt install git`
 - * `git config --global user.email "you@example.com"`
 - * `git config --global user.name "Your Name"`
 - * `git config credential.helper store` stores credentials
 - * **UPDATE** actually do this with ssh keys
 - `ssh-keygen -t rsa -C "your_email@example.com"`
 - `xclip -sel clip < ~/.ssh/id_rsa.pub`

- add the ssh key to your github account
 - `git remote set-url origin git@github.com:username/your-repository.git`
- `sudo apt install nodejs`
- `sudo apt install npm`
- math stuff
 - LaTeX:
 - * basic install: `sudo apt-get install texlive-latex-base texlive-fonts-recommended texlive-fonts-extra texlive-latex-extra`
 - lots of packages: `sudo apt-get install texlive-science`
 - now you can compile with `pdflatex`
 - * `latexmk` is useful too, do `sudo apt-get install latexmk`
 - pandoc: `sudo apt-get install -y pandoc`
 - drawing / whiteboard app: `xournalpp`
 - * `sudo add-apt-repository ppa:andreasbutti/xournalpp-master`
 - * `sudo apt update`
 - * `sudo apt install xournalpp`
 - * pdf viewer: `evince` installed by default, seems good