

Useful Productivity Tools

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1 Computing/Research Related

- **Citation Management Software: Mendeley, Zotero**
 - Organize your downloaded research papers
 - Easily write notes, create tags, search by author, etc.
 - Manage citations
- **Jupyter notebook:** Interactive coding environment on the browser for Python and Julia.
- **Snakemake:** Workflow management system
 - Allows you to easily run or build multiple source files that need to be run in a particular order.
- **Homebrew (mac):** Easily install almost anything using the command `$ brew install <package>`

2 Text editors

There are two main approaches to choosing text editors:

1. Use a general purpose text editor and install language-specific plugins to easily autocomplete and compile in that language.
 2. Use a text editor made specifically for that language.
- **General purpose:** Sublime text, Atom, vim, emacs
 - **R:** RStudio
 - **Julia:** Juno, Jupyter
 - **Python:** PyCharm, Jupyter
 - **Latex:** TeXmaker, TeXstudio, Overleaf (for collaboration)
 - **Java:** IntelliJ

3 Chrome Extensions

- **Markdown Here:** Format your emails nicely using markdown - can add equations and code snippets.
- **Stayfocusd:** Blocks procrastination sites like Facebook and Reddit.
- **Vimium:** Browse Chrome using only your keyboard with keyboard shortcuts.
- **grammarly:** Spell and grammar checker for writing emails.
- **Video Speed Controller:** Save time by speeding up videos.

4 Miscellaneous

- **Undo on Gmail:** Lets you unsend an email within 10 seconds of clicking send.
- **Pdf scanner on Dropbox:** Can take a picture of a document and Dropbox will process the image to make it look like it was scanned.
- **Password management apps (e.g. 1Password, LastPass, Dashlane):** Store all your passwords securely and generate new ones.
- **f.lux:** Adapts the color of your computer's display to the time of day.
- **AutoHotKey (Windows):** Create custom global hotkeys programmatically.
- **magnet (Mac):** Easily resize windows using keyboard shortcuts or dragging.