



# Mr. Carson

To control your computer from  
keyboard

Presented by: Fan Zhang








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<https://github.com/Fan-Zhang/Mr.Carson-TheButler#COPYING>  
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# About

-  In tribute of Mr. Carson -- the butler in Downton Abbey
-  A web application that allows user to control the operating system and perform tasks quickly from keyboard
-  Provide access to user's applications and files so that user can locate and launch files and applications using pre-defined shortcuts
-  Given proper configuration file, is compatible with various operating systems
-  Designed for anyone who wants to be more productive in controlling their computers

# Features





## Web Search

-  Google / I'm Feeling Lucky
-  Google Maps
-  Youtube
-  Amazon
-  Yahoo
-  Bing





## File System

-  File Search
-  File Opening










## Utilities

-  Calculator
-  Dictionary



## Application Launching

-  Chrome
-  Firefox
-  Safari
-  Slack
-  Terminal
-  Calendar
-  TextEdit






## Password Management

-  Retrieve encrypted KeePass database entry



## System

-  Check Trash
-  Empty Trash
-  Sleep

# Alternatives

🏷️ There are a bunch of application launchers/productivity applications out there:

🏷️ Alfred - macOS

🏷️ Quicksilver - macOS

🏷️ LaunchBar - macOS




🏷️ Wox - Windows

🏷️ Mr. Carson is different because it's:






🏷️ Web-based

🏷️ Cross platform

# Lessons

-  Target small -- don't expect to implement all features on the first shot, start from simple features, it will make more sense as you progress
-  Time management -- it's at least helpful to me to make a timetable for project with a deadline
-  Reorganize your code from time to time -- decouple key mapping from plugin implementation, modularization

# Improvements

-  Search and send emails
-  Dynamic feedbacks from server
-  Encrypt and add KeePass entry to database
-  Change theme option
-  Security mechanisms -- sanitize user inputs, encode special characters

# Demo



[Mr.Carson-TheButler/docs/Mr.Carson\\_Screencast.mp4](#)



# Contact

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