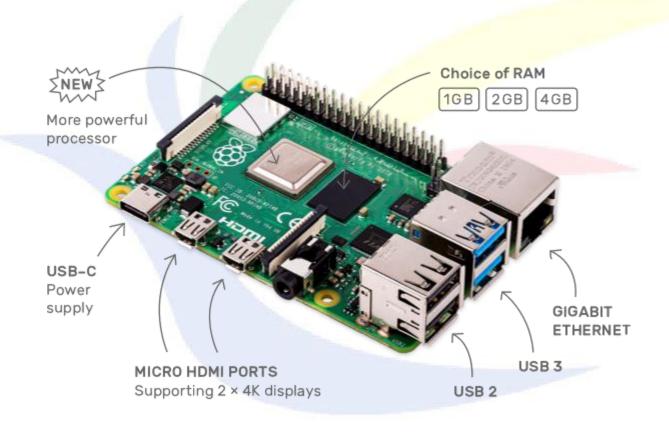
專題製作題目說明

白宏達 教授 國立臺北大學通訊工程學系

Raspberry Pi



Raspberry Pi



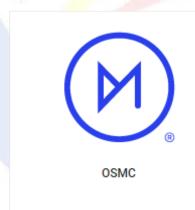
Operating Systems











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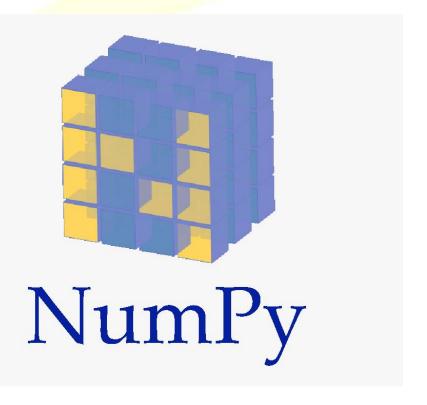
Linux, mostly



Programming Languages

C++ or Python

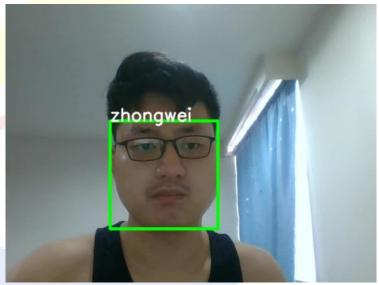




Applications

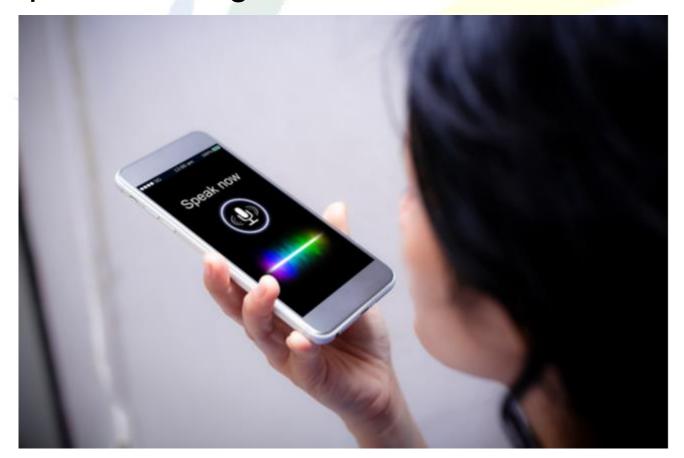
Face Recognition





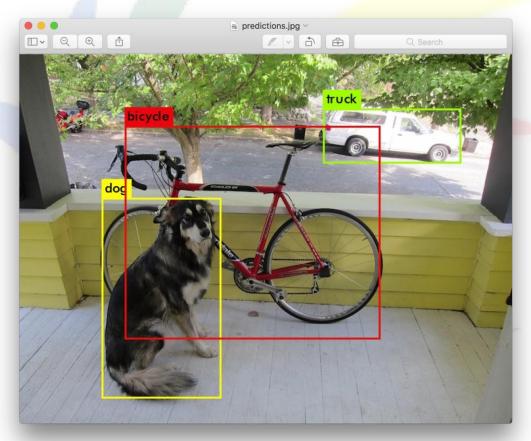
Applications

Speech Recognition



Applications

Object Identification



1

Schedule

- Fall 2022: System setup
 - Make a portable Linux USB
 - Install Linux in Raspberry Pi
 - Come out with an idea
 - Plot a functional block diagram and make a plan
- Spring 2023: Application
 - Search related works
 - Install required software
 - Implement each block
 - Integrate all blocks and test the integrated system