Single-board Computer -Raspberry-Pi & Programming

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Plan for the upcoming 4 Sessions

 $Monday, 20^{th}\, September \ (completed \ last \ week)$

- Setting the Context (Why Raspberry Pi?)
- Introduction, Installation & Setup RaspberryPi

Tuesday, 21^{st} September (completed last week)

- A Quick Intro to Python Programming
- Interfacing Sensors to RaspberryPi and GPIO Programming

Monday, 27th September (today)

- Image Processing with Python OpenCV
- Exploring new tools/libraries

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Tuesday, 28th September (next week)

- Build Web-interface with Python Flask
- Run a full-fledged applications with Raspberry-Pi

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Session - 3

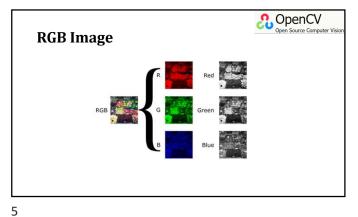
- Image Processing with Python & OpenCV
 - Exploring new Python Libraries

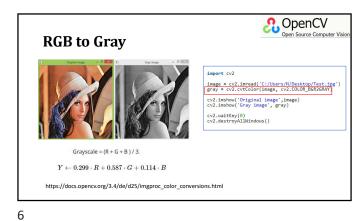
Image Processing

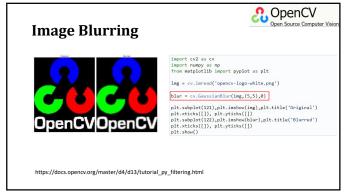


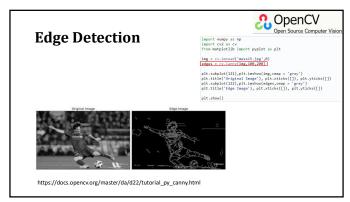
https://docs.opencv.org/master/d9/df8/tutorial_root.html

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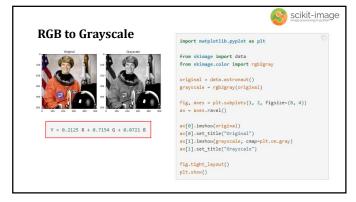




Exploring new Libraries/Tools

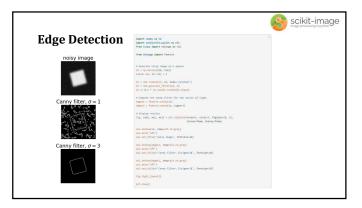


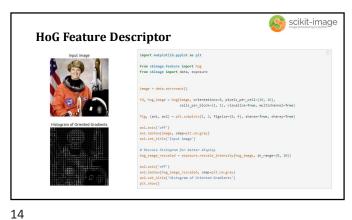
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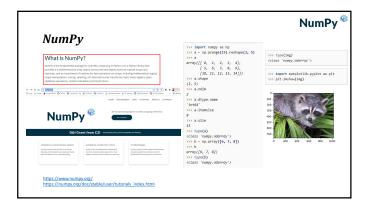




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