

- We will be doing a 1-hour “Git Walkthrough” live event on March 8, 2018 at 6:00 pm CST (7:00 pm EST). You do **not** have to register for this. We will use GitHub Desktop and the Terminal to push a change to a repo. The video is public on the channel here: <http://bit.ly/2teAz5x>
- If you have any feedback on how to improve this workshop or future workshops in the future, feel free to leave a comment on GitHub here: <http://bit.ly/2FdmxCZ>. (You can also use the other feedback methods also).
- The name of the next workshops (early Fall 2018) has been changed to “IIoT and Cloud Computing Walkthrough”. Repo: <http://bit.ly/2H0yVXB>
- The name of the first machine learning workshop (late Fall 2018) has been changed to “Machine Learning Walkthrough”. Repo: <http://bit.ly/2CWbegg>

Robot Operating System

<http://www.ros.org/>

OpenCV

<https://opencv.org/>

CUDA

<http://bit.ly/2F9tpkH>

NVIDIA Jetson Boards

<http://bit.ly/2F0nx1f>

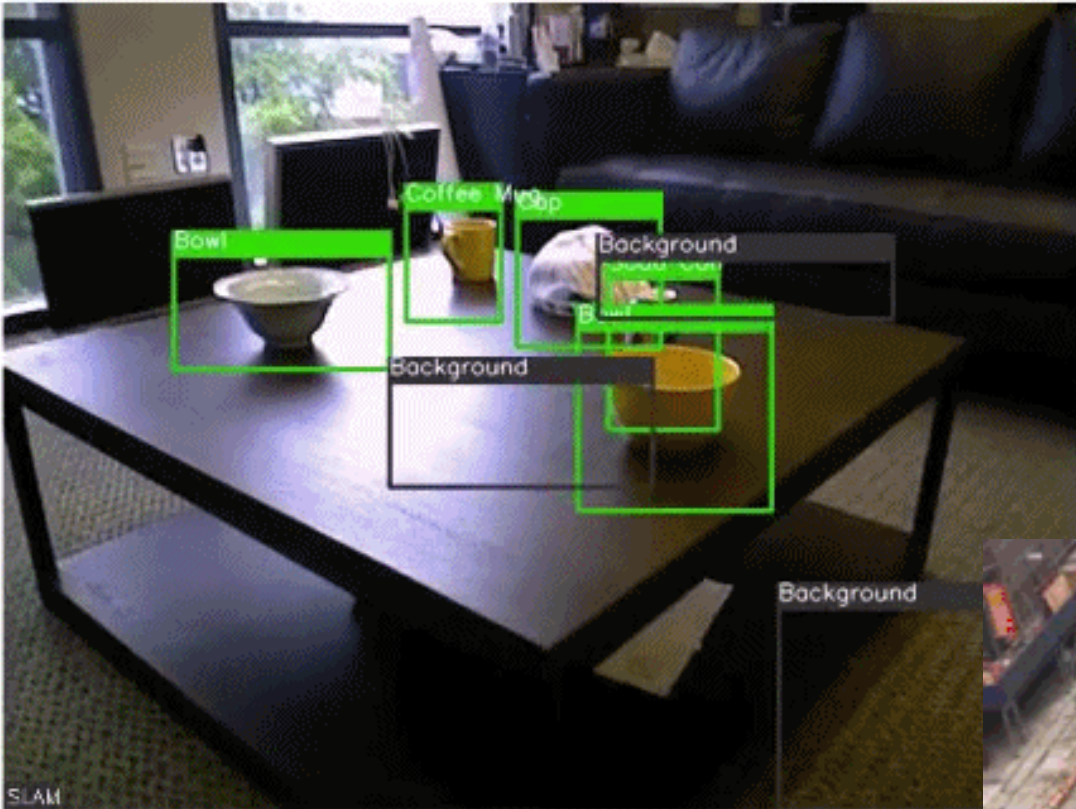


# PX4 – Flight Stack and Autonomous Middleware

<http://px4.io/>





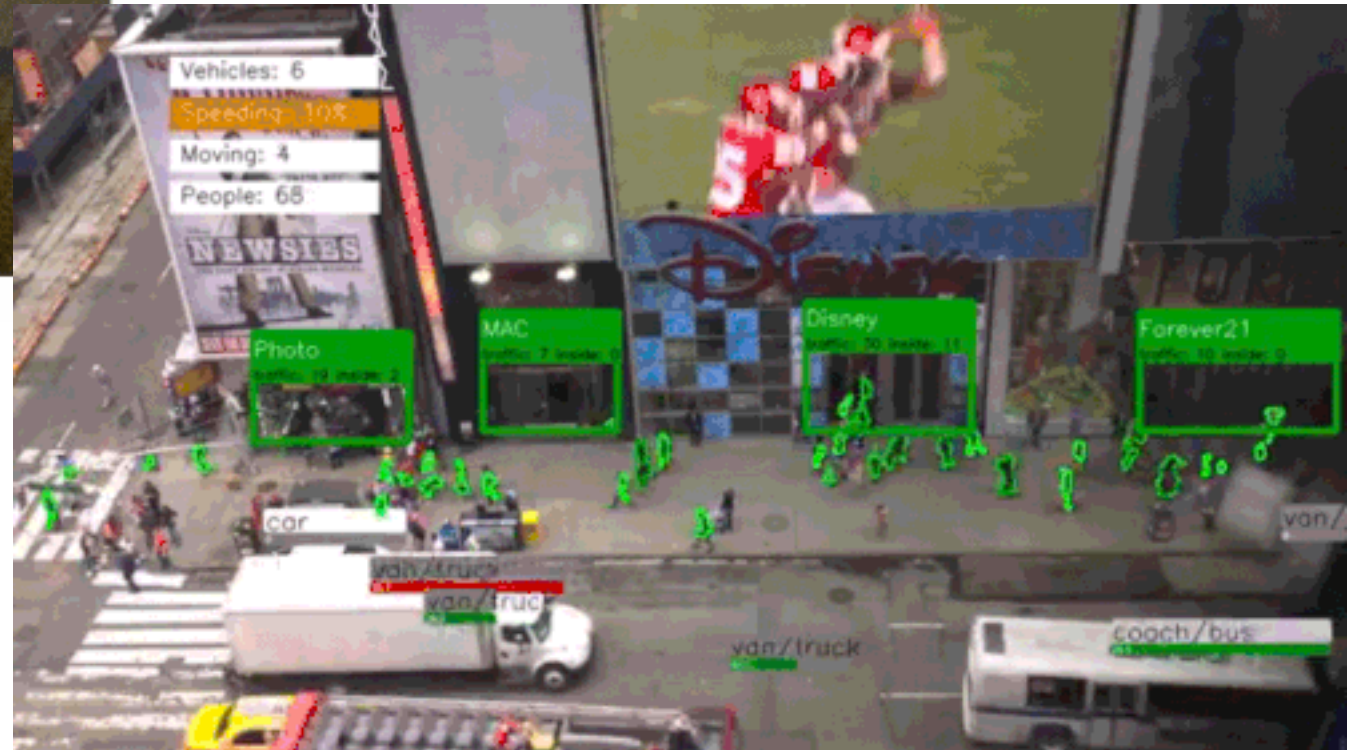


OpenCV

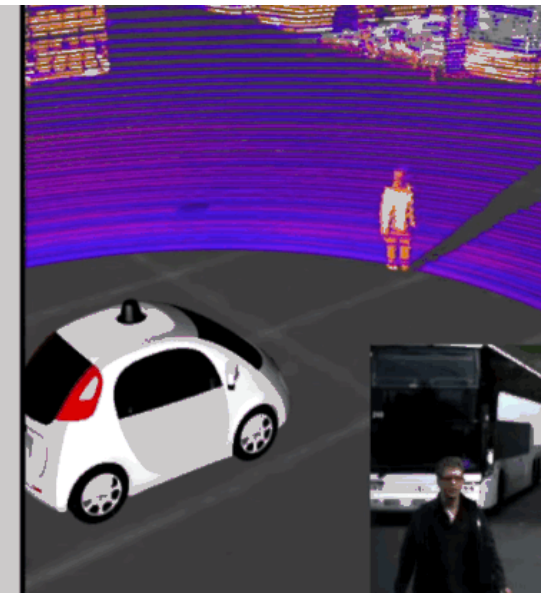
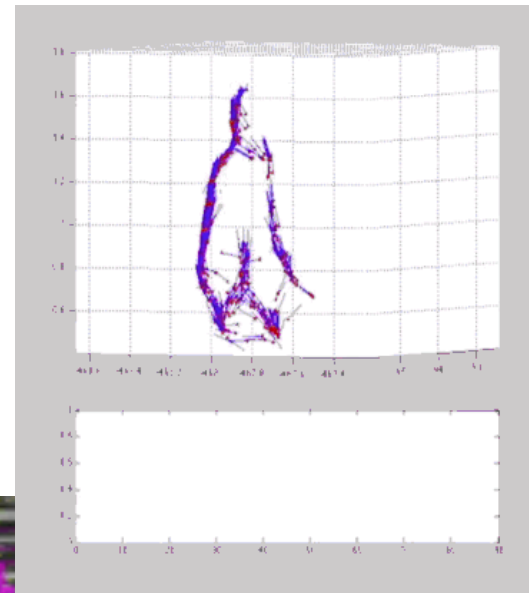
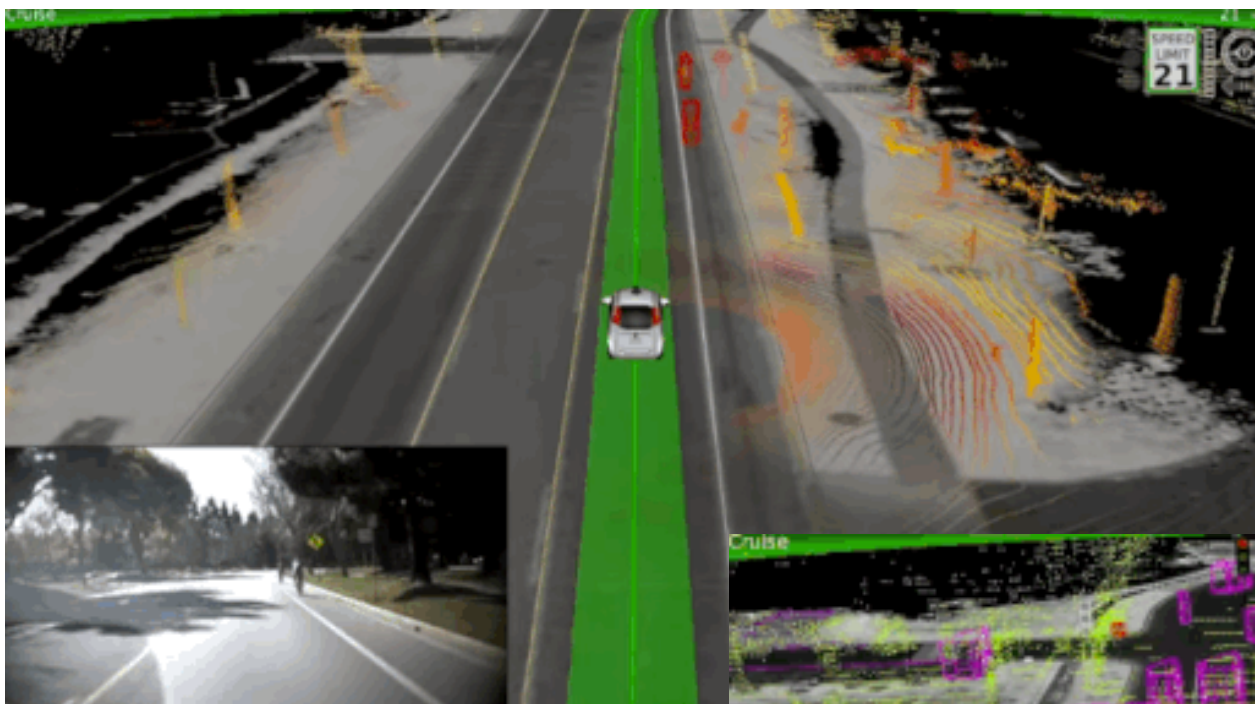
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NVIDIA Jetson Boards

<http://bit.ly/2F0nx1f>







CARLA

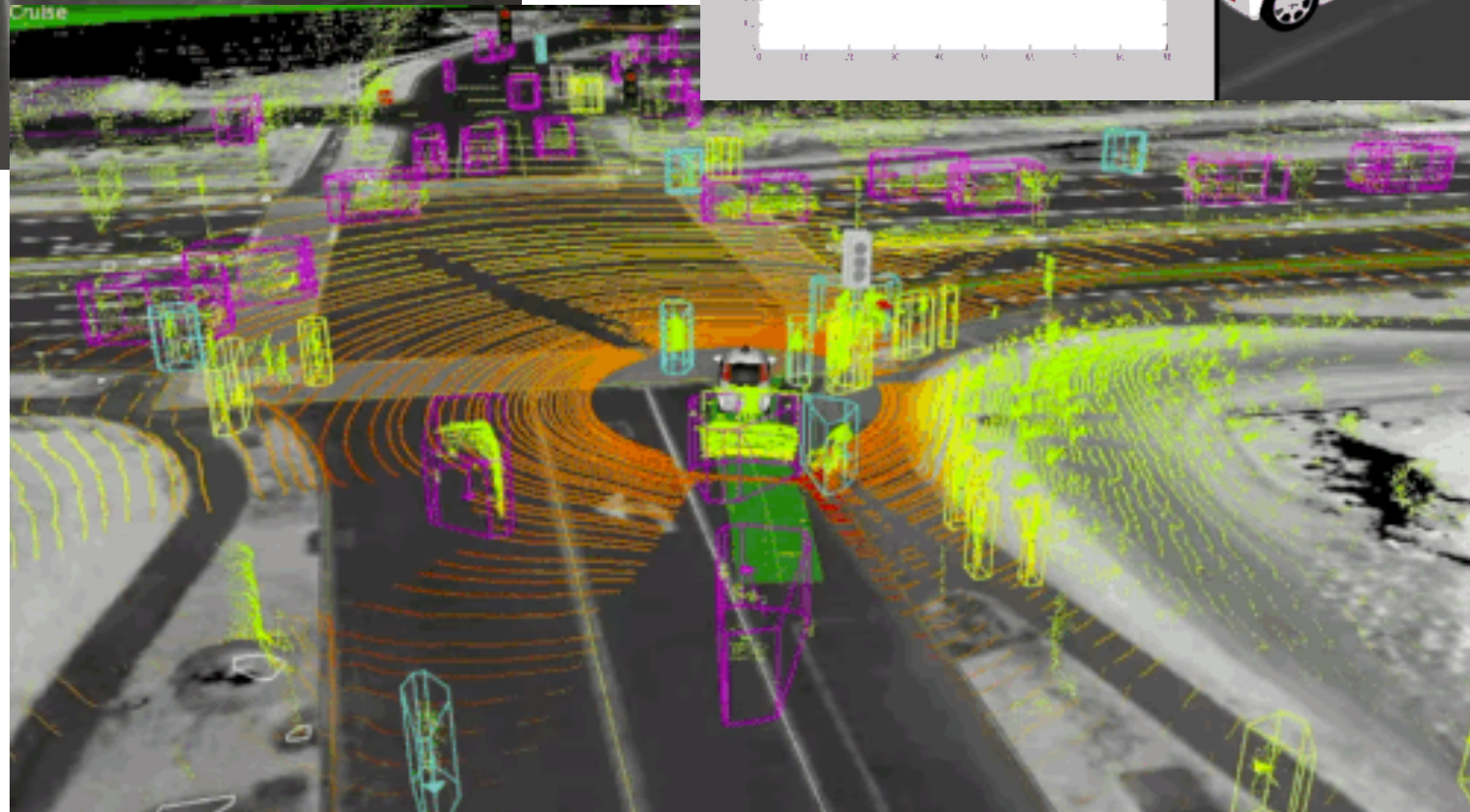
<http://www.carla.org/>

Udacity Self-Driving Simulator

<http://bit.ly/2oKNKFY>

Unity

<https://unity3d.com/>



# Today's Do-It-Yourself

- NumPy Puzzles (for Data Analytics and Machine Learning): <http://bit.ly/2ozZ6fV>

(NumPy Tutorials: <http://bit.ly/2H0JWrV> and <http://bit.ly/2FfqZV9>)

- Model a CNC Machine Tool: <http://bit.ly/2GZTBPe>

# Tomorrows's Do-It-Yourself

- REST API Example in Django (<https://www.djangoproject.com>) and/or Flask (<http://flask.pocoo.org>)