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SOICT

YEARS ANNIVERSARY

ĐẠI HỌC BÁCH KHOA HÀ NỘI
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Deep Learning (IT3320E)

Course Description

Credit

- 8 weeks, 30 hours

Evaluation:

- Capstone project: 50%
- Final report: 50%

MS Teams

- code: **kr50pvx**

Capstone project

- Group of at most 2 members
- Topics
 - Select by yourself
 - Suggest by lecturer

Capstone projects

- 1- Fruit detection with pytorch
 - <https://www.kaggle.com/code/databeru/classify-15-fruits-with-tensorflow-acc-99-6>
- 2- Gait recognition
 - Dataset: as lecturer
- 3- Fingerprint recognition with pytorch
 - <https://www.kaggle.com/code/kairess/fingerprint-recognition>
- 4- Age prediction with pytorch
 - <https://www.kaggle.com/code/gcdatkin/age-prediction-from-images-cnn-regression>
- 5- Car object detection
 - <https://www.kaggle.com/datasets/sshikamaru/car-object-detection/code>
- 6- License plate detection
 - <https://www.kaggle.com/datasets/andrewmvd/car-plate-detection>
- 7- Smile face detection with pytorch
 - <https://www.kaggle.com/code/sourav13/happy-face-detection-using-cnn>

Evaluating capstone project

- By scientific contribution
- By the originality
- Contribution of each member