CWDE328

| | | Spring. 2023 |
|---|------------------------------|---|
| • | Jan 26 (Thu) | 9 |
| | Oraco Zation Meeting | |
| | In Doop Learning Class | |
| | | Note: 1° Sillabus is posted on the class github. Also STSUCANVAS |
| | Malous, Greensheet. | github, Also STSU CANVAS |
| | https://github.com/hualili/o | pencv/tree/master/deep-learning-2022s |
| | | |
| | 2023S-100-accessible-CMPE25 | 58-S23-v7-H |
| | | |
| | | San José State University |
| | | College of Engineering |
| | | Computer Engineering Department CMPE258-Section 1 Deep Learning |
| | | • |
| | | S2023 |
| | Course and Contact Informat | tion |
| | Instructor: | Hua Harry Li, Ph.D. |
| | Office Location: | Engineering Building, Room 267A |
| | Telephone: | Mobile (650) 400-1116 Text message only |
| | Email: | hua.li@sjsu.edu Note: 40 Office Hours Ow -Zoom. |
| | Office Hours: | MW 4:30 -5:30 PM; The Office Hours are gove to |
| | | MW 4:30 -5:30 PM; On-line with Zoom On-line with |
| | | https://us04web.zoom.us/j/98416076832 Last day of Lecture. |
| | | production in junction (instance) |
| | Class Days/Time: | Tuesdays, Thursdays 4:30 - 5:45 PM Cam Activation for the |
| | Classroom: | Zoom (link to be shared in the SJSU email) (We is very the |
| | | MONE Video CAM Ready By West Session |
| | | 3° Afterdans Regnivement. Attend levelus |
| | | Zoom (link to be shared in the SJSU email) Class is required. Have YOUR Video CAM Ready By West Session 3° Afterdane Requirement: Attend Lecture ON-Line is required. |
| | | UN-LIPE 13 YORNINGA. |
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CMPE258 Spring2023

| | Spring 2023 Note: 5. Class github. CANVAS is the only source for All Submissions, Faculty Web Page and MYSJSU Messaging (Optional) Copies of the course materials such as the syllabus, major assignment handouts, etc. can be found on line at |
|---|---|
| | Note: 5. Class github. CANVAS is the only source for All Submissions, |
| / | Faculty Web Page and MYSJSU Messaging (Optional) i would be Homeworks, Two jets, Exam Papers |
| | Copies of the course materials such as the syllabus, major assignment handouts, etc. can be found on line at SJSU CANVAS, the same material is also provided at the following yahoo group, see URL below: |
| | https://github.com/hualili/opency/tree/master/deep-learning-2022s Submission is Accepted. |
| | Office hours zoom link: Join Zoom Meeting https://us04web.zoom.us/j/9841607683? pwd=UlA3aEk1TnV4bjNLQk5CQkw0dDk4UT09 Meeting ID: 984 160 7683 Passcode: 121092 |
| | Course Description Noteb. Fre-requiste (MPE 255 OF (MPE 35) is Deep neural networks and their applications to various problems, e.g., speech religinition, image segmentation, |
| | Deep neural networks and their applications to various problems, e.g., speech relignation, image segmentation, detection and recognition of temporal and spatial patterns, and natural language processing. Covers underlying theory, the range of applications to which it has been applied, and learning from very large data sets. |
| | Prerequisite: CMPE 255 or CMPE 257 or instructor consent. Computer Engineering and Software Engineering majors only. |
| | Course Learning Outcomes (CLO) |
| | Note 7: Kook Listed below is a good relevence source. |
| _ | Required Texts/Readings The |
| _ | Text took 2rd |
| _ | Deep Learning with Python, 1st Edition, by François Chollet, ISBN-13: 978-1617294433, ISBN-10: 9781617294433, https://github.com/hualili/opency/blob/master/IP120-AI-DL/2018F/2018F-6- |
| _ | DeepLearningCh02.pdf |
| | Robot Vision by B.K. P. Horn, the MIT press, ISBN 0-262-08159-8 or 0-07-030349-5 (McGraw Hill). Reference textbook Learning OpenCV, Computer Vision with the OpenCV Library by Bradski and |
| | Kaebler, O'Reilly Publisher, ISBN 978-0-596-51613-0, 2011. |
| | Other Readings Practical Hand Book |
| _ | OpenCV on line reference: http://docs.opencv.org/index.html OpenGL on line reference (OpenGL programming guide): http://ftp.sgi.com/opengl/contrib/kschwarz/OPEN_GL/REFERENCE/OGL_PG/oglPG.pdf My lecture notes https://github.com/hualili/opency/tree/master/IP120-AI-DL/2018F and |
| | https://github.com/hualili/opency/tree/master/deep-learning-2020S |
| | References from the lecture Note |
| | (1) 2022F-101-cmpe258-note-part2-2022-12-6 Key word 'note' |
| | Other equipment / material requirements (" Town A Delongging tooling with |
| | 1. Python. Tycharm 1001, Coleb. Jupytur Vote Buoketz Whire |
| | Other equipment / material requirements too!" I. Python. 2. Or you may choose C++ as an option. 3. OpenCV. 4. Tensorflow Keras API. Two S. ave O.K. However, Further project |
| | Tensorflow Keras API. Optional embedded board for assignment and projects: Nvidia Jetson NANO. |
| _ | 4. Tensorflow Keras API. 5. Optional embedded board for assignment and projects: Nvidia Jetson NANO. Submission, Stand-Alone Tythin Code for Deployment S Course Requirements and Assignments |
| | SJSU classes are designed such that in order to be successful, it is expected that studen which is the successful. |

of forty-five hours for each unit of credit (normally three hours per unit per week), incl

In the exams, the Deployable, Stand Alone Code is Required. Zprojects, Team Semester-Long Grading Policy 30% Quiz, Homework, Projects 30% Midterm Examination Final Examination 40% CMPE258 Deep Learning, S2022. M-Line. 0-59 60-69 D 70-79 80-89 В 90-100 Α Classroom Protocol Note: Homework Submission. One week from Today. Will post the Honework a) CANVAS From University Policy F15-7: DEFINITIONS OF ACADEMIC DISHONESTY 1.1 CHEATING San José State University defines cheating as the act of obtaining credit, attempting to obtain credit, or assisting others to obtain credit for academic work through the use of any dishonest, deceptive, or fraudulent means. Cheating includes: Copying, in part or in whole, from another's test or other evaluation instrument, including homework assignments, worksheets, lab reports, essays, summaries, and quizzes; 112 Submitting work praviously graded in another course without prior approval by the Jan31 (Thu) opency / deep-learning-2022s / 2022F-103-NN-Intro-Python-v5-2022-8-25.pdf 1. Class Ref ൂ master + opency / deep-learning-2023s / Z. Honesty Pledge Due Sample Gode: Reads Image file, and displays this Thursday, Opt. 3. OpenCU & Anaconda 2023S-101-Note-cmpe258-2023-01-20 Installation Due Aweek

2023S-200-canny.py

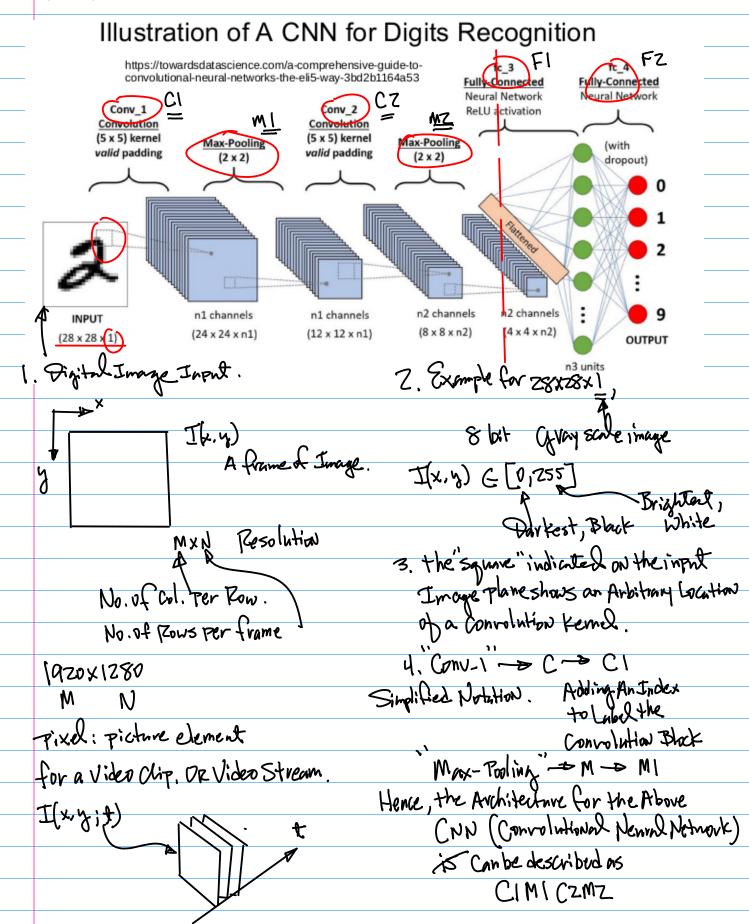
accessible-CMPE258-S23-v7-HarryLi.pdf

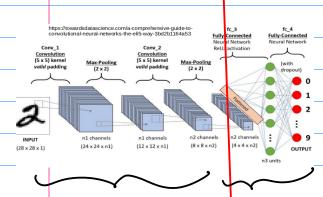
from Today

Add files via upload

Add files via upload

Example:





Feature Extraction Decision Making.

Fully Connected (Feed Forward) Dense NN DF

Airo then the 2nd Block: FZ

Conclussion: The Architecture is defined as CIMICZMZFIFZ