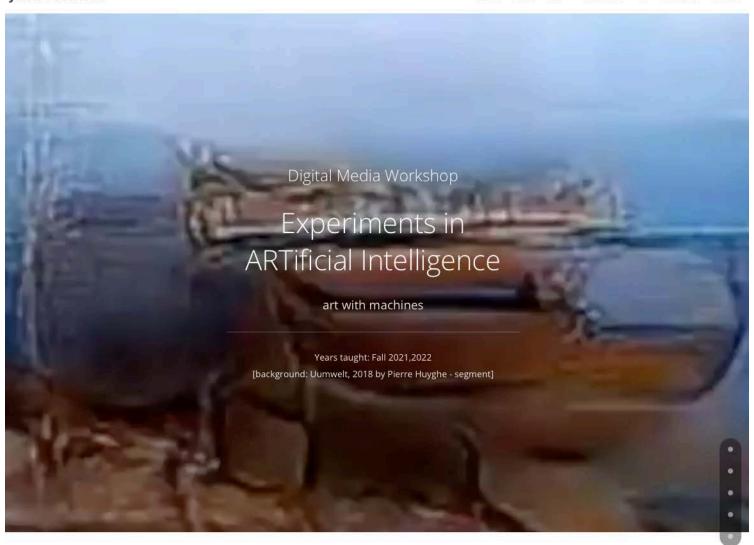
jack stenner



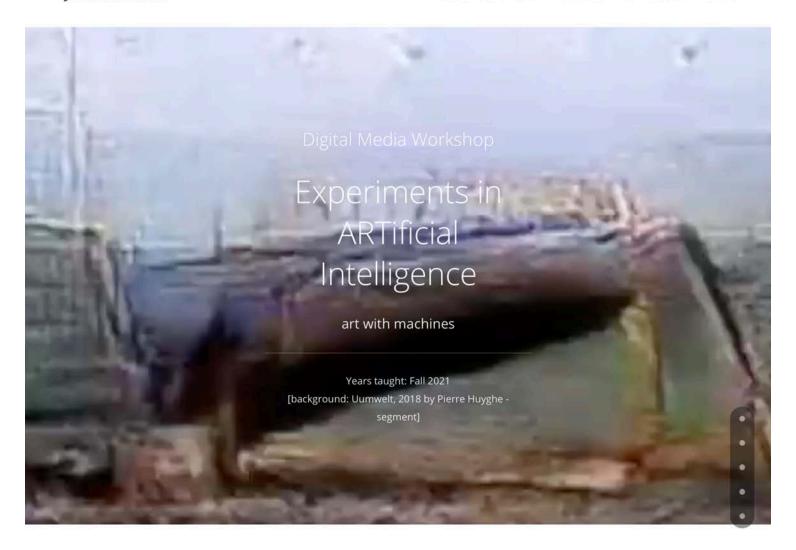
UF Catalog Course Description Course Details Learning

ART 4612C/6925C Digital Media Workshop [cross listed with ART4828C] is a revolving topics, studio workshop. This semester we will explore ARTificial Intelligence. We will learn about the history and theory of AI in computing from a scientific, mythological, and material viewpoint. We will investigate it from a "pharmakological" position that is deeply critical, yet simultaneously analytical with regard to its potential. Not only will we gain a literate understanding of AI, but we will learn "heuretically": we will learn through the act of making. Students will materially engage AI as a medium for the production of art works. Experience with digital image practices, computer modeling and programming are recommended, but not required.

The class is a hands-on, art studio, experimental workshop. It is project-based and students will propose work that explores their own practice using artificial intelligence as a medium or source of inspiration. Sample project ideas include but are not limited to: simulations, networked experiences, generative audio, generative imagery (still and motion), info-viz, general research, etc.

As a Senior-level and Graduate-level course, you develop your own project ideas (with our help). Your primary task is to challenge your own abilities and push the boundaries of your current knowledge.

~1 · · · ·



UF Catalog Course Description Course Details Learning

Credits: 3; Prereq: ART 2620C (Net Art) or with permission of faculty.

Jack Stenner, Ph.D

Associate Professor, Art + Technology

Office: FAC 304

Office Hours: Th 11:30am-12:30pm

352.213.0997 stenner@ufl.edu

Undergraduate: ART 4612c Section 11633 Graduate: ART 6925c Section 11699

Class: PHYSICAL - Fine Arts Bldg C Room 302

Time: T/Th 8:30AM - 11:30AM

Website: http://jackstenner.com/teaching/ai

Listserv: Class contact will be made UF email and via Discord (evite to be p

Objectives

Over the course of the semester, the goal is to help you develop your art practice in the following ways:

1

Context

Become aware of the history and material foundation of Al. 2

Synthesis

Learn the appropriate integration of digital processes.

3

Criticality

Engage meaningful discussion and develop criticality.

4.

Awareness

Gain an awareness of related work in the field. 5

Communicate

Propose ideas in a way that clearly demonstrates intent. 6

FUN

Have FUN!



Grades will be based 90% on projects, reviews, and class assignments. 10% will be based on class participation. See below for the breakdown. Participation means you are expected to constructively criticize your peers and participate in class discussions. Failure to do so will impact your participation grade.

Detailed, specific info on grades and grading can be found at: https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/

Notwithstanding the description of grades above, generally, grades are conceived in this way:

A(Excellent) Student's work is of exceptional quality and the solutions to problems show a depth of understanding of the program requirements. Project is fully developed and presented well both orally and graphically. Student has developed a strong and appropriate concept that clearly enhances the overall solution. The full potential of the problem has been realized and demonstrated.

B(Good) Student's work shows above average understanding and clear potential. All program requirements are fulfilled and clearly and concisely presented.

C(Fair) Student's work meets minimum objectives of course and solves major problem requirements. Work shows normal understanding and effort. Quality of project as well as the development of knowledge and skills is average.

D(Poor) Student's work shows limited understanding and/or effort. Minimum problem requirements have not been met. Quality of project or performance as well as development of knowledge and skills is below average.

F(Failure) Student's work is unresolved, incomplete and/or unclear. Minimum course objectives or project requirements are not met, and student's work shows lack of understanding and/or effort. Quality of project or performance is not acceptable.

Instructor's evaluation of student's interest, motivation, attendance, proficiency and overall development or improvement during the semester will be taken into consideration in determining the final course grade. This syllabus is subject to refinement and development throughout the semester based on feedback and class interaction. Policies and grading criteria are absolute and will not change. Any substantial changes will be discussed with the class prior to implementation.

Grading breakdown:

Assignments (5) = 50% Reflections (10) = 20% Final Project = 20% Participation = 10% Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx.

Despite what some lunatics might say, Covid-19 is STILL a problem. We are required to meet in person this semester, but thankfully there is a vaccine. Please get one! You MUST, at a minimum, follow UF Covid-19 Guidance as a member of this community.

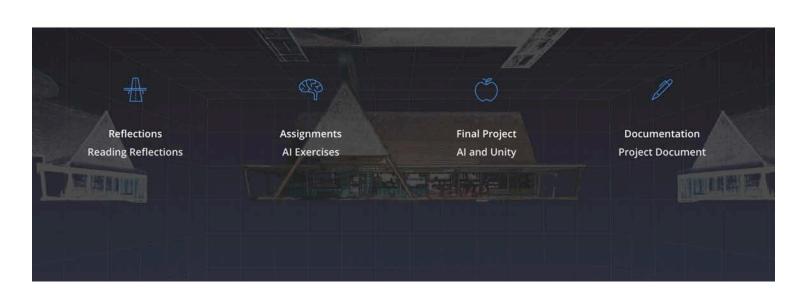


Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at https://evaluations.ufl.edu. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at https://evaluations.ufl.edu/results/.



Readings will consist of .pdfs and URLs available on the class website. While not required, I highly recommend Atlas of AI by Kate Crawford.

Projects



Experiments in ARTificial Intelligence Schedule

return to course

Al Schedule 2022 Thursday 08.25

Week 1: Introduction and Setup

Content:

Syllabus Review

Intro to Experiments in ARTificial Intelligence

Intro to Art, Artists and Al

SCREEN: Naked Al

Assignment:

Complete the reading(s) below and post reflections on Canvas (due: Tuesday, Aug. 30.)

BOOKMARK: UF LinkedIn Experiments in ARTificial Intelligence Playlist

Sign up for DALL*E 2 Preview HERE

Join Midjourney Discord. See instructions HERE

Join Class Discord. Link provided in class.

Research the work of Heather Dewey-Hagborg and prepare questions.

Readings:

Slocombe, Will. "Machine Visions: Artificial Intelligence, Society, and Control." In Al Narratives, Cave, Dehal, Sarsvati et.al, 213-36. Oxford University Press, 2020.

Tuesday 08.30, Thursday 09.01

Week 2: What is AI? History of Machine Intelligence

Content:

Discuss reading(s) assigned last week.

HiPerGator Training: Go to UF Coursera Training and take HiPerGator Account Training (due: Tuesday, Sept. 06). More info HERE but you MUST take the Coursera course.

WATCH: UF LinkedIn Experiments in ARTificial Intelligence Playlist - Unix Essential Training

Experiment with Midjourney and DALL+E 2 - post favs to class Discord.

REQUIRED: Attend Visiting Artist Heather Dewey-Hagborg's talk tonight at 6:15PM

Assignment:

Complete the reading(s) below and post reflections on Canvas for discussion next week.

BE SURE YOU'VE completed the Unix tutorial AND the HiPerGator Training

Readings:

Crawford, Kate with Hao, Karen. "Stop Talking about Al Ethics. It's Time to Talk about Power." n.d. MIT Technology Review, April 23, 2021.

Tuesday 09.06, Thursday 09.08

Week 3: Art, Artists and Al

Content:

Discuss reading(s) assigned last week.

SCREEN: Coded Bias

STUDIO: BASH Terminal + HiPerGator setup, Development Environment Configuration

DEMO: Introduction to Al techniques

Slides for Research Computing Orientation.

FYI: I added a ZSH Setup overview on my Teaching Support forum: HERE

Assignment:

Complete the reading(s) below and post reflections on Canvas.

Assignment 1: Experiment with Midjourney and DALL+E 2, prepare for CRIT, post reflection to Canvas.

Readings:

Readings:

Steyerl, Hito. "Medya: Autonomy of Images" in Astro Noise: A Survival Guide for Living under Total Surveillance. by Laura Poitras, New York: Whitney Museum of American Art, 2016. pp. 162-177

Tuesday 09.13, Thursday 09.15

Week 4: Image Classification 1

Content:

Discuss reading(s).

CRIT: Assignment 1 - Midjourney/DALL*E 2 experiments.

SCREEN: Lo and Behold: Reveries of the Connected World, by Werner Herzog

Intro to P5.js and ml5.js

Learn to implement basic image classification using existing machine learning models.

Assignment:

Complete the reading(s) below and post reflection on Canvas.

Assignment 2 - Create a network-based artwork using p5.js that incorporates still imagery, video and, optionally, some form of interaction.

Readings:

Mackenzie, Adrian. "The Production of Prediction: What Does Machine Learning Want?" European Journal of Cultural Studies 18, no. 4-5 (August 1, 2015): 429-45.

Tuesday 09.20, Thursday 09.22

Week 5: Image Classification 2

Content:

FIELD TRIP: Tour of HiPerGator AI at UF High Performance Data Center (Tuesday)

Discuss reading(s).

CRIT: Assignment 2 - P5.js artwork

Saving and loading training models, exploring multiple techniques.

Google Colab and Jupyter Notebooks and using them with HiPerGator

Assignment:

Assignment 3 - Image Classification Artwork 1

Readings:

None

Tuesday 09.27, Thursday 09.29

Week 6: Object Detection, Computer Vision

Content:

CRIT: Assignment 3 - Image Classification Artwork 1 Learn to implement Object Detection.

Assignment:

Complete the reading(s) below and post reflection on Canvas.

Assignment 4 - Create an artwork using Object Detection

Readings:

Boden, Margaret A., and Ernest A. Edmonds. "Explaining the Ineffable." In From Fingers to Digits: An Artificial Aesthetic, 61–89. The MIT Press, 2019.

Tuesday 10.04, Thursday 10.06

Week 7: Transfer Learning

Content:

Discuss reading(s)

Content:

Discuss reading(s)

Learn to create and train your own neural network.

Assignment:

Continue development of Assignment 4 - Object Detection Artwork

Readings:

None

Tuesday 10.11, Thursday 10.13

Week 8: Working with TEXT

Content:

CRIT: Assignment 4 - Object Detection Artwork (Tues/Thurs)

Learn about Sentiment Analysis, GPT2, Text to Image, Word2Vec, etc.

Assignment:

Complete the reading(s) below and post reflection on Canvas.

Assignment 5 - Create an experimental Al artwork.

Readings:

Droitcour, Brian. "GANs and NFTs." ARTnews.Com (blog), May 28, 2021.

Tuesday 10.18, Thursday 10.20

Week 9: Working with a Supercomputer

Content:

Discuss reading(s).

How to work with UF's HiPerGator -> Step by Step

Begin to work with HiPerGator and Jupyter notebooks: Disco Diffusion, VQGAN, etc.

Is Cryptocurrency the Magic Bullet for Social Change?

Assignment:

Continue development of Assignment 5 - Experimental Al artwork

Readings:

None

Tuesday 10.25,

Week 10: Disco Diffusion - Stills

Content:

Learn about text to image or CLIP-guided diffusion systems.

Prompt engineering, parameters, models.

Assignment

Complete the reading(s) below and post reflection on Canvas.

Continue development of Assignment 5 - Experimental Al artwork

Readings:

Agostinelli, Erika. "I Don't Trust Al': The Role of Explainability in Responsible Al." Erika Agostinelli, April 1, 2021.

Women in Data Science, Bristol 2021 - Agostinelli Crowdcast begins at 1:13:19

Tuesday 11.01, Thursday 11.03

Week 11: Disco Diffusion - Stills

Content:

Discuss reading(s).

Assignment:

Experiment with Disco Diffusion

Readings:

None

Tuesday 11.08, Thursday 11.10

Week 12: Disco Diffusion - Animation

Content:

How to create animations with Disco Diffusion STUDIO - Experiment with techniques, develop project

Assignment:

Develop your final project. EXPERIMENT!

BEGIN: Final Project, brainstorm and prepare to present concept in class on Tuesday.

Complete the reading(s) below and post reflection on Canvas.

Readings:

Crawford, Kate, and Trevor Paglen. "Excavating Al." -. Accessed May 12, 2021.

Crawford, Kate. "Time to Regulate Al That Interprets Human Emotions." Nature 592, no. 7853 (April 6, 2021): 167–167.

Tuesday 11.15, Thursday 11.17

Week 13: EXPERIMENTS

Content:

Review Final Project concepts.

STUDIO - Develop Al Final artwork.

Assignment:

Continue work on Final Project - Al artwork

Readings:

VQGAN+CLIP — How does it work?

VQGAN+CLIP github

Make your own Al generated movies with VQGAN+CLIP (YouTube)

List of VQGAN+CLIP Implementations

Tuesday 11.22, Thursday 11.24

Week 14: AI EXPERIMENTS - NVIDIA Jetson

Content:

DEMO: NVIDIA Jetson Nano

Assignment:

Continue work on Final Project - Al artwork

Complete the viewing below and post reflection on Canvas.

Readings:

Manovich, Lev. Al and the Myth of Creativity, DigitalFUTURES world. Digital Consortium Lecture - The Hitchhiker's Guide to Artificial Intelligence. Accessed August 5, 2021.

Tuesday 11.29, Thursday 12.01

Week 15: AI EXPERIMENTS - NVIDIA Jetson

Content:

Experiment with NVIDIA Jetson Nano

jack stenner Home info art - teaching cv contact login

Content:

DEMO: NVIDIA Jetson Nano

Assignment:

Continue work on Final Project - Al artwork

Complete the viewing below and post reflection on Canvas.

Readings:

Manovich, Lev. Al and the Myth of Creativity, DigitalFUTURES world. Digital Consortium Lecture - The Hitchhiker's Guide to Artificial Intelligence. Accessed August 5, 2021.

Tuesday 11.29, Thursday 12.01

Week 15: AI EXPERIMENTS - NVIDIA Jetson

Content:

Experiment with NVIDIA Jetson Nano STUDIO - Develop your Final Project

Assignment:

Continue work on Final Project

READ: The Illustrated VQGAN

Readings:

None

Tuesday 12.06

Week 16: AI EXPERIMENTS

Content:

STUDIO - Develop Final Project

NFT Discussion at Art Basel Miami

New Study on NFTs Deflates the "Democratic" Potential for the Medium

Assignment:

FINISH work on Final Project

Readings:

None

Friday 12.16

Exam Week: Final Exams - UF Official Exam time: 7:30AM - 9:30AM.

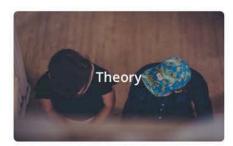
FINAL CRITIQUE: Black Box

ARTificial Intelligence Resources

back to Experiments in ARTificial Intelligence back to Full Luxury Al







My Support Forum

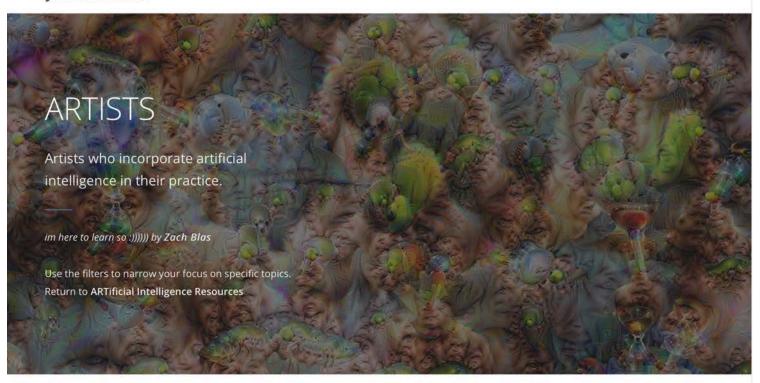
jack stenner

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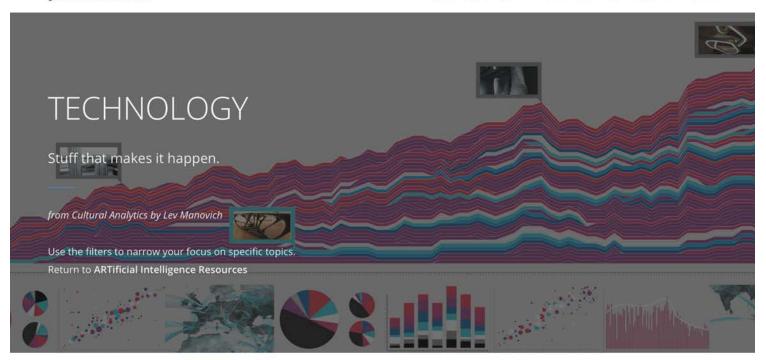


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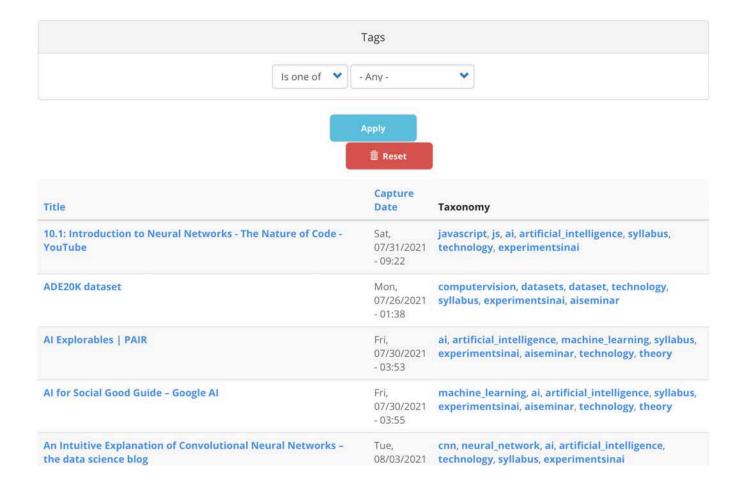




Artist	Capture			
	Date	Taxonomy		
A Data Artist's Guide to Putting People (and Privacy)	Fri,	data, data_visualization, ai, artificial_intelligence, artist,		
First	05/07/2021 - 02:59	experimentsinai, syllabus		
Anatomy of an Al System	Mon, 09/10/2018 - 05:16	amazon, infrastructure, ai, artificial_intelligence, art, artist syllabus, experimentsinai, aiseminar		
Artificial Intelligence & Life Art - Prix Ars Electronica	Mon, 06/14/2021 -	experimentsinai, syllabus, artist, art, artificial_intelligence ai, aiseminar		
	04:26			
Beck - Hyperlife (Hyperspace: A.I. Exploration) - YouTube	Wed, 07/28/2021 - 03:04	ai, artificial_intelligence, artist, stylegan, syllabus, experimentsinai		
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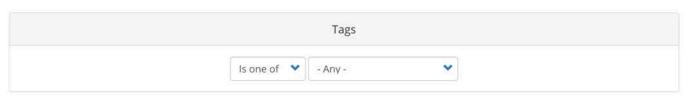


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Title	Capture Date	Taxonomy ai, artificial_intelligence, theory, syllabus, experimentsinai, aiseminai			
"I don't trust AI": the role of Explainability in Responsible AI	Wed, 07/28/2021 - 06:49				
Al Explorables PAIR	Fri, 07/30/2021 - 03:53	ai, artificial_intelligence, machine_learning, syllabus, experimentsinai, aiseminar, technology, theory			
Al for Social Good Guide – Google Al	Fri, 07/30/2021 - 03:55	machine_learning, ai, artificial_intelligence, syllabus, experimentsinai, aiseminar, technology, theory			
Algorithmic Justice League - Unmasking Al harms and biases	Wed, 04/28/2021 - 05:24	ai, artificial_intelligence, experimentsinai, aiseminar, syllabus, theory			
Cybertopia - Dreams of Silicon Valley - Docu - 2015 - YouTube	Wed, 04/22/2020	california_ideology, silicon_valley, cybernetics, libertarianism, technologicaldeterminism, ai, artificial_intelligence, syllabus, theory,			



Stenner Teaching Support

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Unanswered topics Active topics

Tutorials

Topics	Replies	Views	Last post
A+T Facilities by Jetenner - Wed Mar 17, 2021 12:02 pm	0	198	by jstenner S Wed Mar 17, 2021 12:02 pm
SOUND ROOM: Using Pro Tools HD Native \$ by jstenner = Tue Apr 02, 2013 7:36 am	3	1094	by jstenner Tue Oct 09, 2018 7:20 am
	1	2423	by jstenner a Mon Feb 05, 2018 7:22 am
BrightSign video preparation \$ by Jatenner - Thu Mar 03, 2011 7:11 am	3	3730	by jstenner Wed Nov 22, 2017 7:15 am
BLACK BOX - FAC 302 \$ by jstenner - Tue Oct 10, 2017 6:19 am	0	788	by jstenner To Tue Oct 10, 2017 6:19 am
RED Epic Dragon AND RED Raven Suby jstenner - Mon Feb 25, 2013 2:24 pm	6	3569	by mchristo Mon Oct 10, 2016 2:38 pm
302 Plasma Instructions by mchristo » Fri Sep 27, 2013 11:17 am	0	867	by mchristo S Fri Sep 27, 2013 11:17 am
Quick Maya - VRay - EXR to After Effects Workflow 04.26.2021 by jstenner - Tue Apr 27, 2021 4:06 am	0	123	by jstenner ☑ Tue Apr 27, 2021 4:06 am
Smooth Preview Render in VRay \$ by jstenner - Wed Apr 14, 2021 4:12 am	0	125	by jstenner Wed Apr 14, 2021 4:12 am
Turntable beauty and wire-frame render via Maya and V-Ray: 01.30.2021 by jstenner - Sat Jan 30, 2021 1:50 pm	0	192	by jstenner Sat Jan 30, 2021 1:50 pm
Basic Unity3D Glow demo: 12.02.2020 by jstenner - Wed Dec 02, 2020 12:55 pm	0	499	by jstenner Wed Dec 02, 2020 12:55 pm
Basic Unity3D pathfinding using NavMesh demo: 10.29.2020 by jstenner - Mon Nov 02, 2020 5:26 pm	0	280	by jstenner Mon Nov 02, 2020 5:26 pm
Basic Maya to Unity3D BlendShape Demo: 10:29,2020 by Jstenner - Mon Nov 02, 2020 4:51 pm	0	278	by jstenner S Mon Nov 02, 2020 4:51 pm
Unity, Maya, Cinemachine, Particle Sprite Demo: 10.08.2020 by jstenner - Tue Oct 13, 2020 3:44 am	0	924	by jstenner Tue Oct 13, 2020 3:44 am
A&A Class Workflow 2019 by Jstenner - Tue Mar 19, 2019 7:27 am	0	647	by jstenner ☑ Tue Mar 19, 2019 7:27 am
Recording Audio with Zoom F8 Field Recorder by jstenner - Wed Sep 26, 2018 1:10 pm	0	686	by jstenner ☑ Wed Sep 26, 2018 1:10 pm
OVERVIEW: A+T Motion Composite Workflow § by jstenner = Fri Apr 03, 2015 3:40 am	1	10241	by jstenner ☑ Wed Apr 12, 2017 8:41 am
Capturing HDRI Spherical Images with Canon 5D and Nodal Ninja Spherical Images with Canon 5D and Nodal Ninja Spherical Images with Canon 5D and Nodal Ninja Spherical Images with Canon 5D and Nodal Ninja	0	822	by jstenner Wed Apr 05, 2017 8:35 am
Ashley's ANDROID + Unity3D Notes by arlong95 + Tue Apr 04, 2017 9:27 am	0	716	by arlong95 ☑ Tue Apr 04, 2017 9:27 am
SHOOTING: Filtration by Jstenner = Tue Apr 04, 2017 7:09 am	0	708	by jstenner ☑ Tue Apr 04, 2017 7:09 am
Red Mag Reader Connections % by mchristo × Mon Oct 10, 2016 2:38 pm	0	585	by mchristo Mon Oct 10, 2016 2:38 pm
Panasonic GH4 Info by Jstenner - Mon May 18, 2015 3:35 pm	1	515	by jstenner a Tue Oct 04, 2016 8:48 am
A+T Microphone Info by jstenner - Wed Feb 04, 2015 6:37 am	12	1942	by jstenner Wed Feb 04, 2015 8:04 am
Canon 5D MkIII and Magic Lantern by jstenner - Mon Sep 29, 2014 10:47 am	0	970	by jstenner Mon Sep 29, 2014 10:47 am
HTML5 Video Preparation [OBSOLETE]			
	A+T Facilities % by Jatenner - Wed Mar 17, 2021 12:02 pm SOUND ROOM: Using Pro Tools HD Native % by Jatenner - Tue Apr 02, 2013 7:36 am BrightSign Cetting Started by Jatenner - Tun Mar 03, 2011 7:71 am BrightSign video preparation % by Jatenner - Tun Mar 03, 2011 7:71 am BrightSign video preparation % by Jatenner - Tun Mar 03, 2011 7:71 am BlaCK BOX - FAC 302 % by Jatenner - Tun Oct 10, 2017 6:19 am RED Epic Dragon AND RED Raven % by Jatenner - Mon Feb 25, 2013 2:24 pm 302 Plasma Instructions by mchristo - Fri Sep 27, 2013 1:17 am Cluck Maya - Mon Feb 25, 2013 2:24 pm 302 Plasma Instructions by mchristo - Fri Sep 27, 2013 1:17 am Cluck Maya - Waya - EXX to After Effects Workflow 04.26.2021 by jatenner - New Apr - 12, 2013 1:17 am Turntable beauty and wire-frame render via Maya and V-Ray: 01.30.2021 by jatenner - Sed Jam 30, 2021 1:59 pm Basic Unity 30 Glow demo: 12, 02, 2020 by jatenner - Wed Deo 02, 2020 12:55 pm Basic Unity 30 pathfinding using NawMesh demo: 10, 29, 2020 by jatenner - Mon Nov 02, 2020 2:56 pm Basic Maya to Unity 3D BlendShape Demo: 10:29, 2020 by jatenner - Mon Nov 02, 2020 4:51 pm Recording Audio with Zoom F8 Field Recorder by jatenner - Mon Hay 19, 2019 727 am Recording Audio with Zoom F8 Field Recorder by jatenner - Wed Apr 14, 2019 727 am Recording Audio with Zoom F8 Field Recorder by jatenner - Wed Apr 10, 2017 728 am Ashley's ANDROID - Unity 3D Notes by and yell of the Apr 10, 2016 2:38 pm Ashley's ANDROID - Unity 3D Notes by and yell of the Apr 10, 2016 2:38 pm Panasonic GH4 Info by jatenner - Wed Feb 04, 2016 2:38 pm Panasonic GH4 Info by jatenner - Wed Feb 04, 2015 8:37 am	A+T Facilities by Intenner - Wed Mar 17, 2021 12:02 pm SOUND ROOM: Using Pro Tools HD Native by Intenner - Time Apr 02, 2013 7:39 am BrightSign Getting Started by Intenner - Time Apr 02, 2013 7:39 am BrightSign Getting Started by Intenner - Time Mar 03, 2011 7:17 am BrightSign Video preparation by Intenner - Time Mar 03, 2011 7:17 am BLACK BOX - FAC 302 by Intenner - Time Mar 03, 2011 7:11 am BLACK BOX - FAC 302 by Intenner - Time Mar 03, 2011 7:11 am BLACK BOX - FAC 302 by Intenner - Time Mar 03, 2013 7:11 am BLACK BOX - FAC 302 by Intenner - Mon Feb 25, 2013 2:24 pm 30 Plasma Internation by mothisto - Fri Sep 27, 2013 1:17 am Quick Maya - VRay - EXR to After Effects Workflow 04.26.2021 by Intenner - Wed Apr 17, 2021 4:06 am Smooth Preview Render in VRay by Intenner - Wed Apr 17, 2021 4:06 am Turntable beauty and wire-frame render via Maya and V-Ray: 01.30.2021 by Intenner - Wed Dec 02, 2020 1:25 pm Basic Unity 3D Giow demic: 12.02.2020 by Intenner - Wed Dec 02, 2020 1:25 pm Basic Unity 3D DelendShape Demo: 10:29.2020 by Intenner - Wed Dec 02, 2020 2:45 pm Basic Waya to Unity 3D BlendShape Demo: 10:29.2020 by Intenner - Mon Nov 02, 2020 2:45 pm Basic Waya to Unity 3D BlendShape Demo: 10:29.2020 by Intenner - Tue Mon Nov 02, 2020 2:45 pm Dunity, Maya, Cinemachine, Particle Sprite Demo: 10:08.2020 by Intenner - Mon Nov 02, 2020 2:40 am Unity, Maya, Cinemachine, Particle Sprite Demo: 10:08.2020 by Intenner - Tue Mar 19, 2019 7:27 am OVERVIEW: A+T Motion Composite Workflow by Intenner - Wed Sep 28, 2018 1:10 pm OVERVIEW: A+T Motion Composite Workflow by Intenner - Wed Sep 28, 2018 1:10 pm OVERVIEW: A+T Motion Composite Workflow by Intenner - Wed Sep 28, 2018 1:10 pm OVERVIEW: A+T Motion Composite Workflow by Intenner - Wed Sep 28, 2018 1:10 pm OVERVIEW: A+T Motion Composite Workflow by Intenner - Wed 19, 2017 2:72 am SHOOTHOR: Filteration by Intenner - Wed Apr 04, 2017 2:23 am A-Alley's ANDROID + Unity3D Notes by artenner - Wed Apr 04, 2017 2:23 am A-T Microphone Info By Intenner - Wed	A-T Facilities

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41 topics 1 2 >

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