Processing Creative Coding And Generative
Processing is a flexible software sketchbook and a language for learning how to code within the context of the visual arts. Since 2001, Processing has promoted software literacy within the visual arts and visual literacy within technology.

Books \ Processing.org
Processing is a flexible software sketchbook and a language for learning how to code within the context of the visual arts. Since 2001, Processing has promoted software literacy within the visual arts and visual literacy within technology.

Processing.org
GENERATIVE ART: A PRACTICAL GUIDE. The complete beginners guide to creating generative graphics for print, video and the web. The philosophy and practice of using a programming language as an artistic tool.

zenbullets - generative art, algorithmic design, creative code
Neural coding is a neuroscience field concerned with characterising the hypothetical relationship between the stimulus and the individual or ensemble neuronal responses and the relationship among the electrical activity of the neurons in the ensemble. Based on the theory that sensory and other information is represented in the brain by networks of neurons, it is thought that neurons can encode ...

Neural coding - Wikipedia
#INTERACTIVE #VR #MULTIMEDIA EXPERIENCES Mike is an interactive director whose work explores the space of interactive arts and music. He hopes to encourage the next wave of spatial designers to question our expectations of media, and the opportunity we all have in designing a mixed reality future.

Eyeo Festival | Converge to Inspire
codebased motiondesign, 3D demos, interactive visualisations, audio-visuals & tools using Processing, Shockwave and Flash. Source code released under Creative Commons License.

toxi: generative interactive objects, art, demos, tools ...
Today’s internet, accessed by fixed and mobile networks, allows us to transmit files, voice and video across the planet. With the emergence of an ultra-responsive and reliable ‘Tactile Internet,’ advanced techniques in robotics and artificial intelligence, we predict the emergence of an ‘Internet of Skills’ which allows the transmission of labor globally.

IEEE-ICASSP-2019
Take notes with your new membership! Type in the entry box, then click Enter to save your note. 1:30 Press on any video thumbnail to jump immediately to the timecode shown.. Notes are saved with you account but can also be exported as plain text, MS Word, PDF, Google Doc, or Evernote.

Coding for Visual Learners: Learning JavaScript from Scratch
Psychoacoustics is the scientific study of sound perception and audiology—how humans perceive various sounds. More specifically, it is the branch of science studying the psychological and physiological responses associated with sound (including noise, speech and music). It can be further categorized as a branch of psychophysics. Psychoacoustics received its name from a field within psychology ...

Psychoacoustics - Wikipedia
Pretty painting is always better than a Terminator. Every week, new papers on Generative Adversarial Networks (GAN) are coming out and it’s hard to keep track of them all, not to mention the incredibly creative ways in which researchers are naming these GANs!
The GAN Zoo - Deep Hunt
Travels From Berkeley, California. Language English. Frequently featured for her research and inventions in The Financial Times, The Atlantic, Quartz and the New York Times, Dr. Vivienne Ming is a theoretical neuroscientist, entrepreneur, and author.

Socos Labs - Vivienne
Chapter 1: Why? The recent popularity of cognitive science has shone a light on dual coding. But what exactly is it and why has it reignited an interest in the ways visuals can support learning?

OliCav
Main Text. In recent years, rapid progress has been made in the related fields of neuroscience and artificial intelligence (AI). At the dawn of the computer age, work on AI was inextricably intertwined with neuroscience and psychology, and many of the early pioneers straddled both fields, with collaborations between these disciplines proving highly productive (Churchland and Sejnowski, 1988 ...)

Neuroscience-Inspired Artificial Intelligence - ScienceDirect
This innovative programme will explore how people experience the world around them, particularly when using technology. You'll learn how each layer of technology – from core hardware through to the way that media is handled – can affect user experience and gain the skills for transforming user requirements into appropriate technical solutions.

MSc User Experience Engineering | Goldsmiths, University ...
We ask whether word order preferences for binomial expressions of the form A and B (e.g. bread and butter) are driven by abstract linguistic knowledge of ordering constraints referencing the semantic, phonological, and lexical properties of the constituent words, or by prior direct experience with the specific items in questions. Using forced-choice and self-paced reading tasks, we demonstrate ...

Abstract knowledge versus direct experience in processing ...
This webinar for professional data scientists will go over how to monitor models when in production, and how to set up automatically adaptive machine learning.

News - KDnuggets
Call for papers. Image restoration and image enhancement are key computer vision tasks, aiming at the restoration of degraded image content, the filling in of missing information, or the needed transformation and/or manipulation to achieve a desired target (with respect to perceptual quality, contents, or performance of apps working on such images).

NTIRE2019: New Trends in Image Restoration and Enhancement ...
IntelliSense.io aims to be the partner of choice for capital and asset-intensive industries by deploying technologies that dramatically improve productivity, efficiency and yield from their plants, processes and people.

Driving Change in the Mining industry | IntelliSense.io ...
The Digital Humanities Summer Institute at the University of Victoria provides an ideal environment for discussing and learning about new computing technologies and how they are influencing teaching, research, dissemination, and preservation in different disciplines.

DHSI | Digital Humanities Summer Institute
Join Sidewalk Labs on Saturday, March 2, from 3–7 p.m. for Open Sidewalk: Winter Warmer. It’s cold. The weather plays a big role in determining how much time we spend outdoors.