Regular Technology Watch

AI / Computer Vision

Image Segmentation Analysis by IBM.
- https://www.ibm.com/think/topics/image-segmentation#:~:text=Image%20segmentation%20is%20a%20computer,faster%2C%20more%20advanced%20image%20processing : Understand segmentation basics, algorithms, and IBM's advanced image processing workflows. [1]

Semantic / Instance / Panoptic Segementation Compairaison.
- https://medium.com/@raj.pulapakura/image-segmentation-a-beginners-guide-0ede91052db7 : Differentiates semantic, instance, and panoptic segmentation approaches with illustrative examples. [2]

Specific Panoptic Segmentation
- https://www.v7labs.com/blog/panoptic-segmentation-guide [3]
- https://encord.com/blog/panoptic-segmentation-guide/ [4]
- https://viso.ai/deep-learning/panoptic-segmentation/ [5]
- https://ieeexplore.ieee.org/document/10176247 [6], [7]
- https://openaccess.thecvf.com/content_CVPR_2019/papers/Liu_An_End-To-End_Network_for_Panoptic_Segmentation_CVPR_2019_paper.pdf [8]
- https://wiki.cloudfactory.com/docs/mp-wiki/model-families/panoptic-segmentation [9](9.png)

GrabCut Foreground Segmentation
- https://pub.ista.ac.at/~vnk/papers/grabcut_siggraph04.pdf [10]
- https://docs.opencv.org/3.4/d8/d83/tutorial_py_grabcut.html [11]

YoLo Deep Learning / Computer Vision Detection
- https://medium.com/@Mert.A/how-to-segment-with-yolov8-f33b1c63b6c6 [12]
- https://docs.ultralytics.com/tasks/detect/ [13]
- https://www.v7labs.com/blog/yolo-object-detection [14]

Photo Editing

Image Interpolation Spline Cubique
- http://www.planet-source-code.com/vb/scripts/ShowCode.asp?txtCodeId=68577&lngWId=-1 : Visual Basic implementation of cubic spline interpolation.
- http://www.developpez.net/forums/d331608-3/autres-langages/algorithmes/contribuez/image-interpolation-spline-cubique/#post3513925 [16]

Web Technologies

Security Captcha System
- https://www.arkoselabs.com/blog/hcaptcha-vs-recaptcha-a-comparison/ [17]

Database Management / DB / ORM EF
- https://dotnetbenchmarks.com/benchmark/1080 [18]

Communication Technologies (SignalR)
- https://www.c-sharpcorner.com/article/understanding-signalr-from-scratch/ [19]

On-Promise Application

Dotnet Performance
- https://dotnetbenchmarks.com/ [20]

Code Quality / Security / Issue tracking
- https://docs.sentry.io/ [21]
- https://docs.sentry.io/platforms/dotnet/guides/winui/ [21]

Hosting Services & Container Orchestrations
- https://talent500.com/blog/modern-docker-best-practices-2025/ [22]
- https://medium.com/@sumonigupta/why-i-am-excited-about-docker-in-2025-ba028badc2ca [23]
- https://kubernetes.io/docs/concepts/overview/ [24]
- https://spacelift.io/blog/kubernetes-tools [25]

CI

CircleCI
- https://circleci.com/docs/2.0/ [26]
- https://circleci.com/docs/2.0/configuration-reference/ [27]

GitHub Actions
- https://docs.github.com/actions [28]