Introduction to Web Design & Computer Principles
CSCI-UA 4

Image Editing with Photoshop
Photoshop

1987

Created by Thomas Knoll, then a PhD student at the University of Michigan

Originally called “Display”

For displaying grayscale images, scanned into a computer

Acquired by Adobe in 1988

Released as Photoshop 1.0 for Macintosh in 1990
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Image Editing with Photoshop
Technological Basis

Bitmap/raster graphics

A grid of picture elements, “pixels,” each of which contain color and brightness information.

Pixels can be changed individually or as a group with program algorithms.

Contrast vector graphics which describe lines.

Layer support introduced in version 3 (c. 1993).
Photomontage by: Mmxx