

Point Grey Mini School, June 16, 2020

Ben Shneiderman

Professor, Department of Computer Science
Member, U.S. National Academy of Engineering

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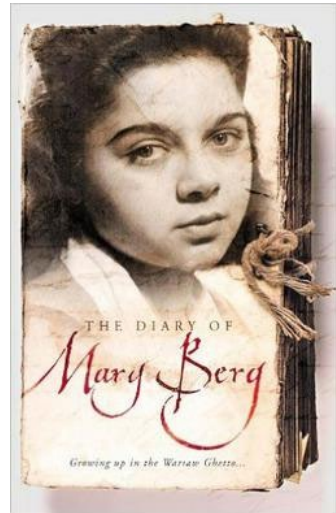
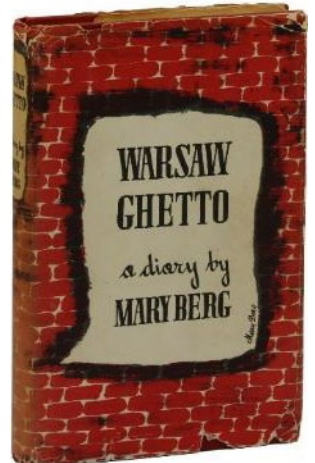
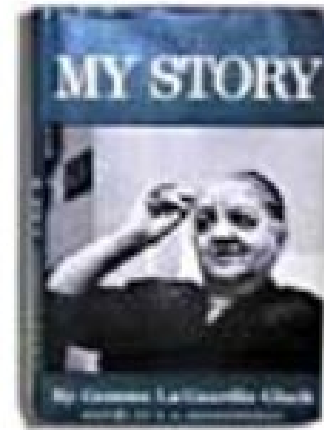
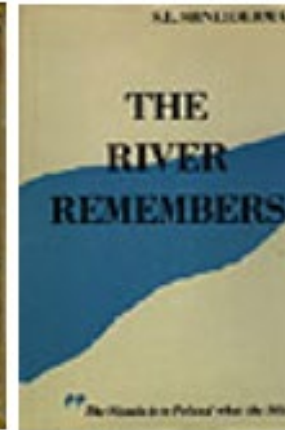
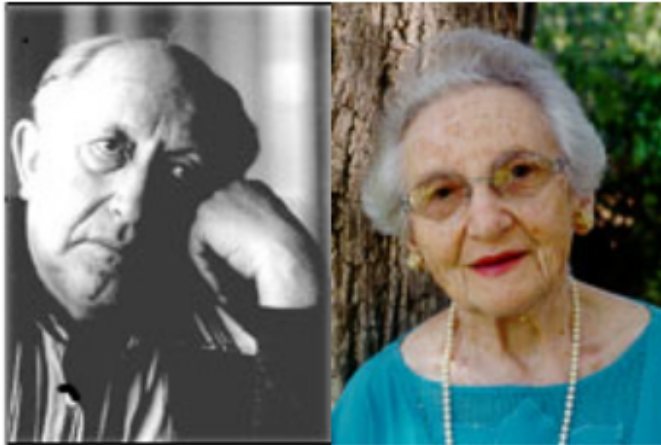


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Photo: BK Adams

My Parents: Samuel & Eileen Shneiderman



Born in Kazimierz, Poland, S. L. Shneiderman began his life in the shtetlech of Eastern Europe (biography in Yiddish). His literary career began in the 1920's with his early poetry and film criticism. His journalistic output in Yiddish and Polish, his articles in English magazines, and his books continued to be published until shortly before his death in 1996. In addition to his published work, he also wrote and helped produce the film *The Last Chapter*, a documentary that depicts "The Thousand Year Saga of Polish Jewry" in 1966. In 1988, he was honored by family and friends by the publishing of a lithograph, *Elegy for My Shtetl*, that includes his 1938 poem



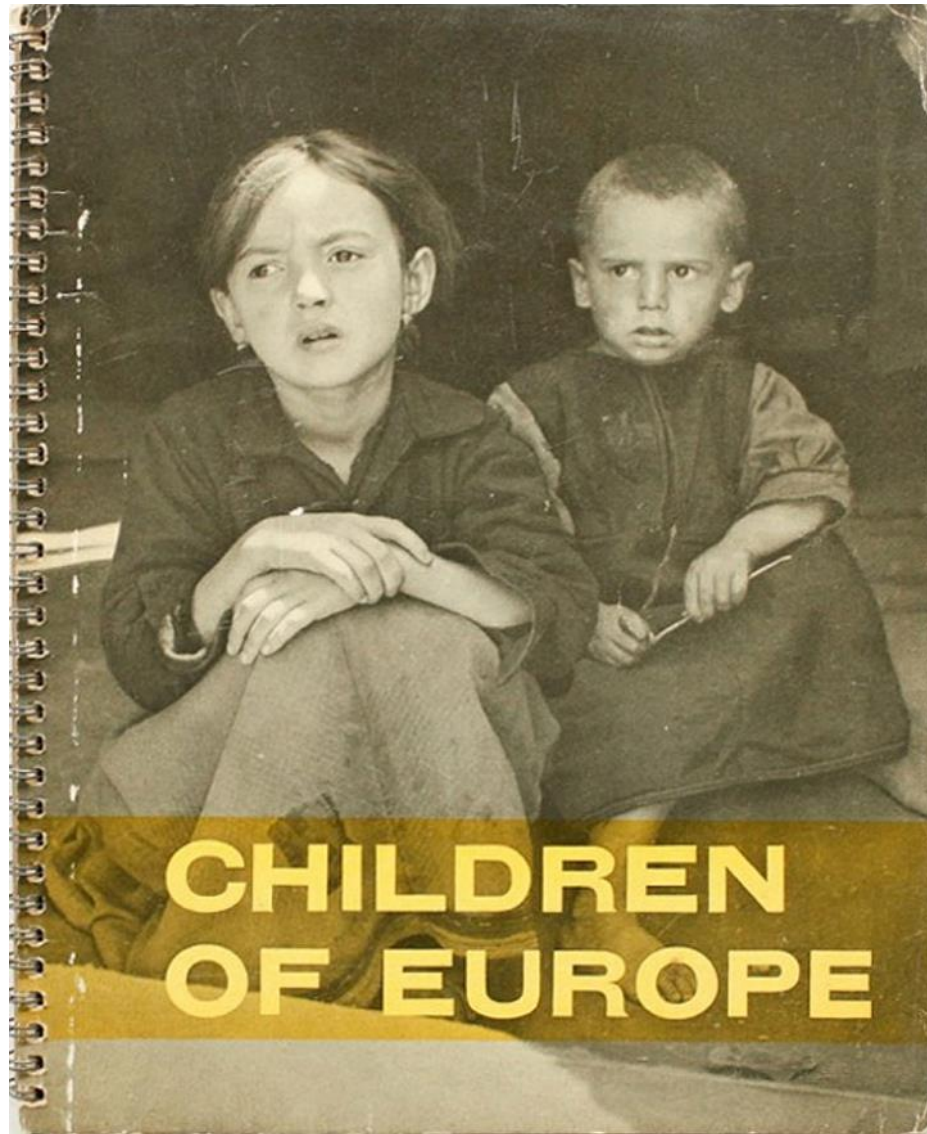
> [View CHIM'S PHOTO ALBUM](#) with 40 iconic examples of his work

> [View CHIM's PORTFOLIO](#) with the 12 photos for sale as numbered prints

David Seymour, CHIM, legendary

photojournalist and co-founder of Magnum Photos, produced some of the most memorable photos of the 20th century. Born in Warsaw

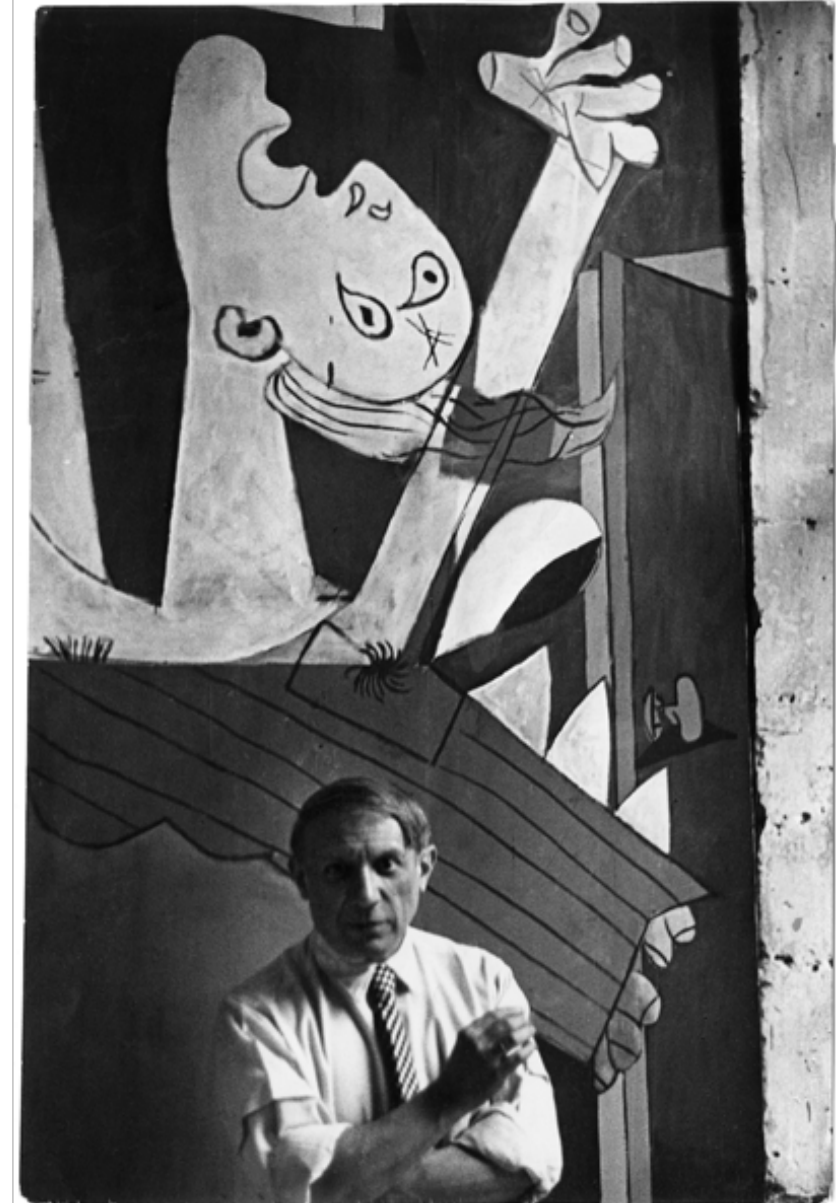
UNESCO Children of Europe (1948)



UNESCO Children of Europe (1948)



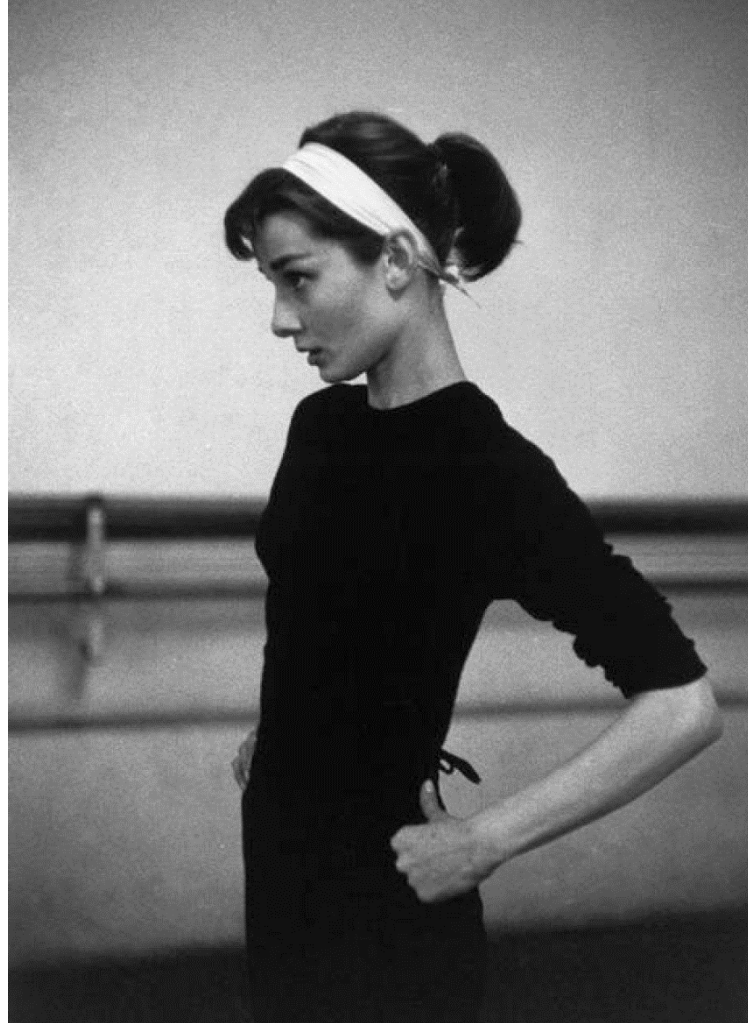
Toscanini, Berenson, Churchill, Picasso



Sophia Loren



Audrey Hepburn



Ingrid Bergman



New York 1950s



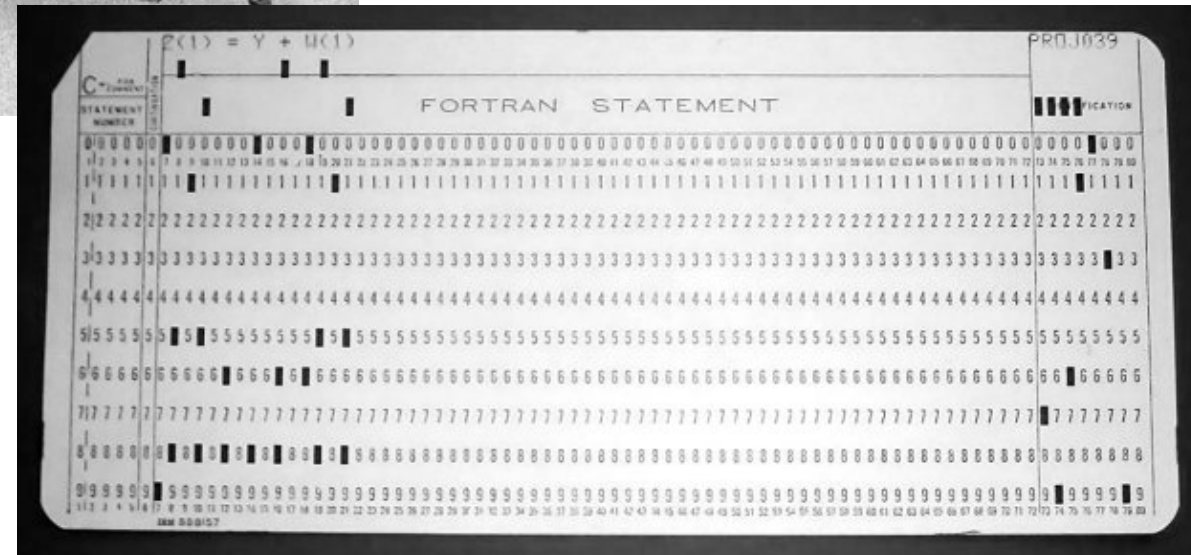
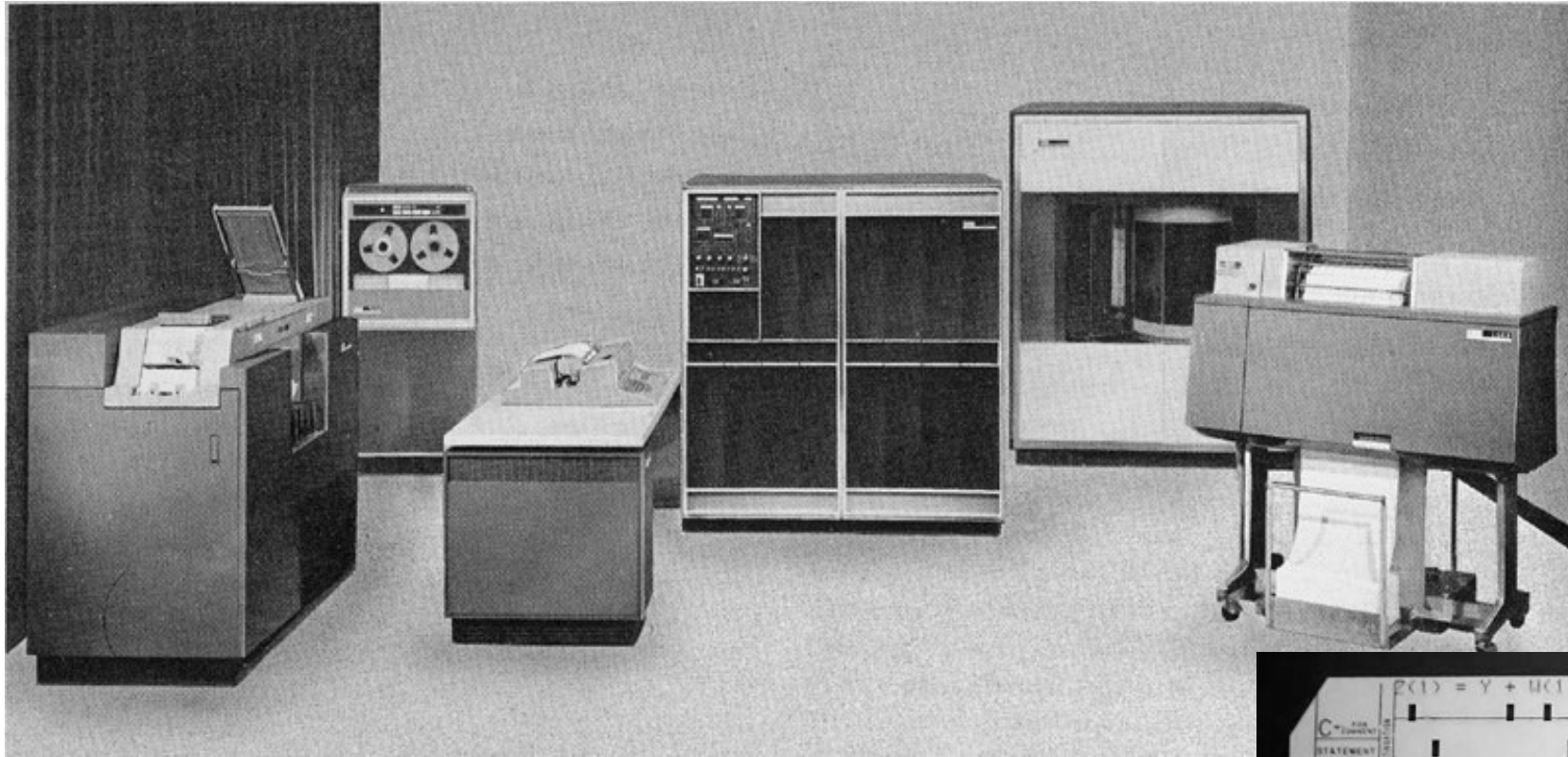


The Bronx High School of Science

inquire
discover
create



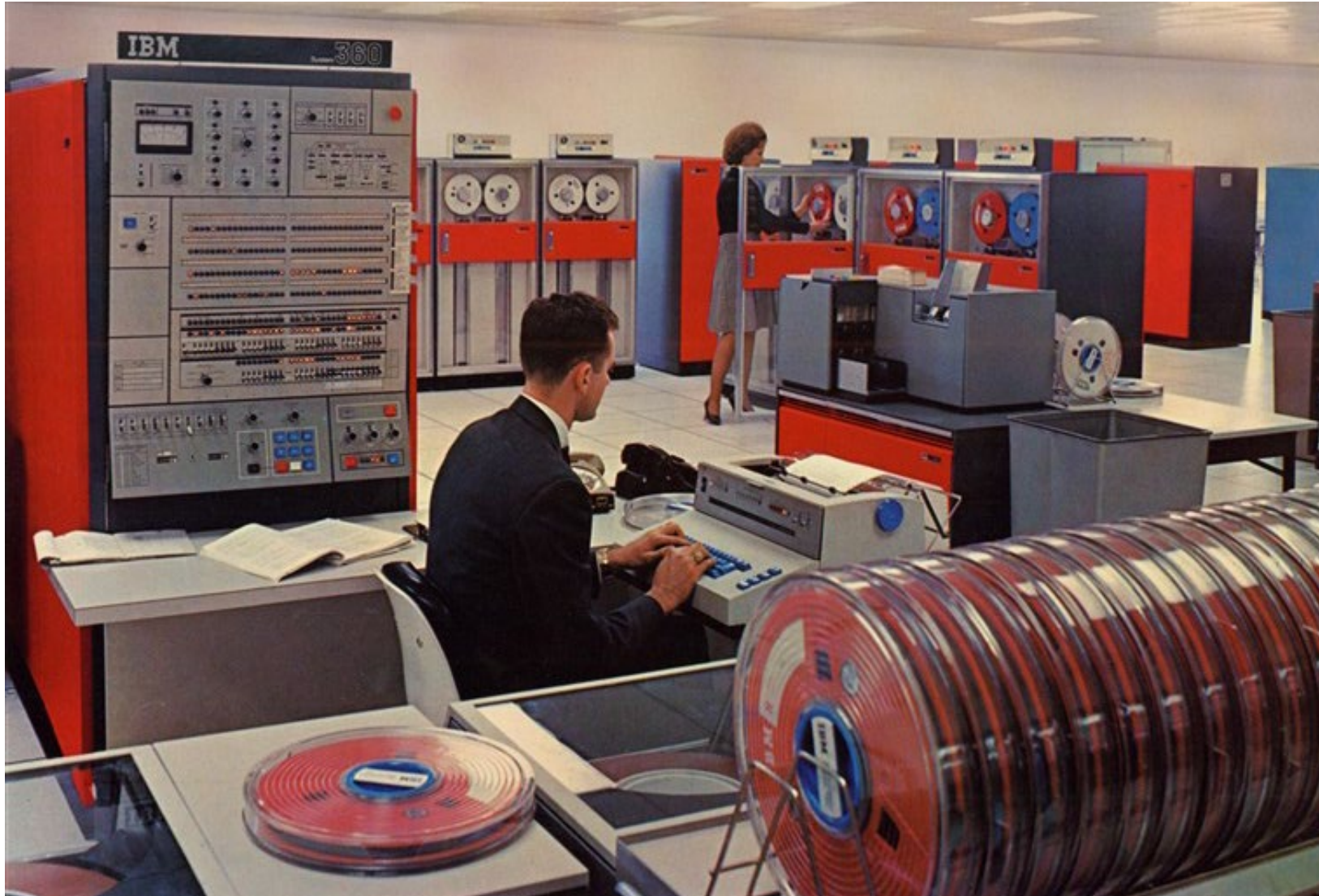
IBM 1401 Computer & FORTRAN Punchcards



The City College of New York®



IBM 360 Computer & DEC PDP-8 Minicomputer







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Interdisciplinary research community

- Computer Science & Info Studies
- Psych, Socio, Educ, Jour & MITH

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Point Grey Secondary School

From Wikipedia, the free encyclopedia

Coordinates: 49.2370°N 123.1530°W﻿ / ﻿﻿ / ﻿

Not to be confused with [West Point Grey Academy](#)

Point Grey Secondary School is a [public secondary school](#) located in the [Kerrisdale](#) and [Shaughnessy](#) neighbourhoods of [Vancouver, British Columbia, Canada](#).

Contents [hide]

- [History](#)
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- [Point Grey Mini School](#)
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- [In popular culture](#)
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History [edit]

Designed by [Fred Townley](#) and Matheson, the main building was built in 1929 in a [Collegiate Gothic](#) style.^[3] Construction of the school was

Point Grey Secondary School



Front of Building

Address

5350 East Boulevard
Vancouver, British Columbia, V6M 3V2
Canada

Information

School type	Secondary school
Motto	"Honor Ante Honores" (Honour Before Fame)
Founded	1929 as Junior High
School board	School District 39 Vancouver

Tiny Touchscreen Keyboards

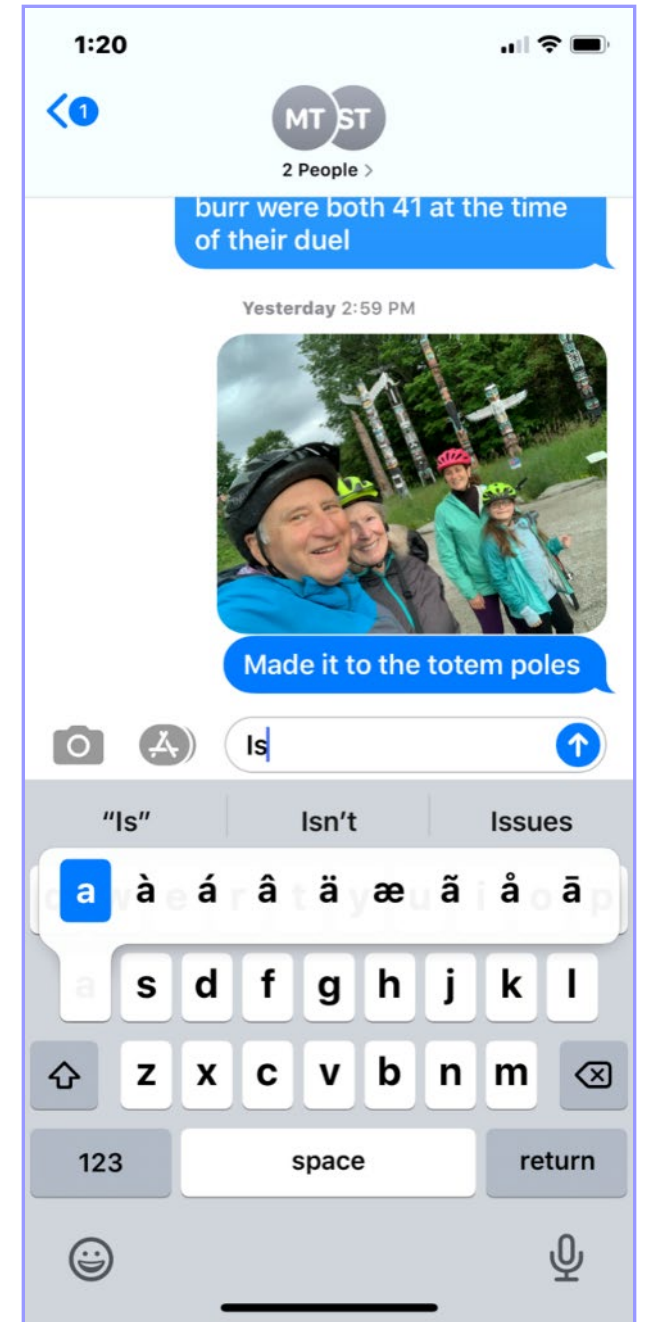
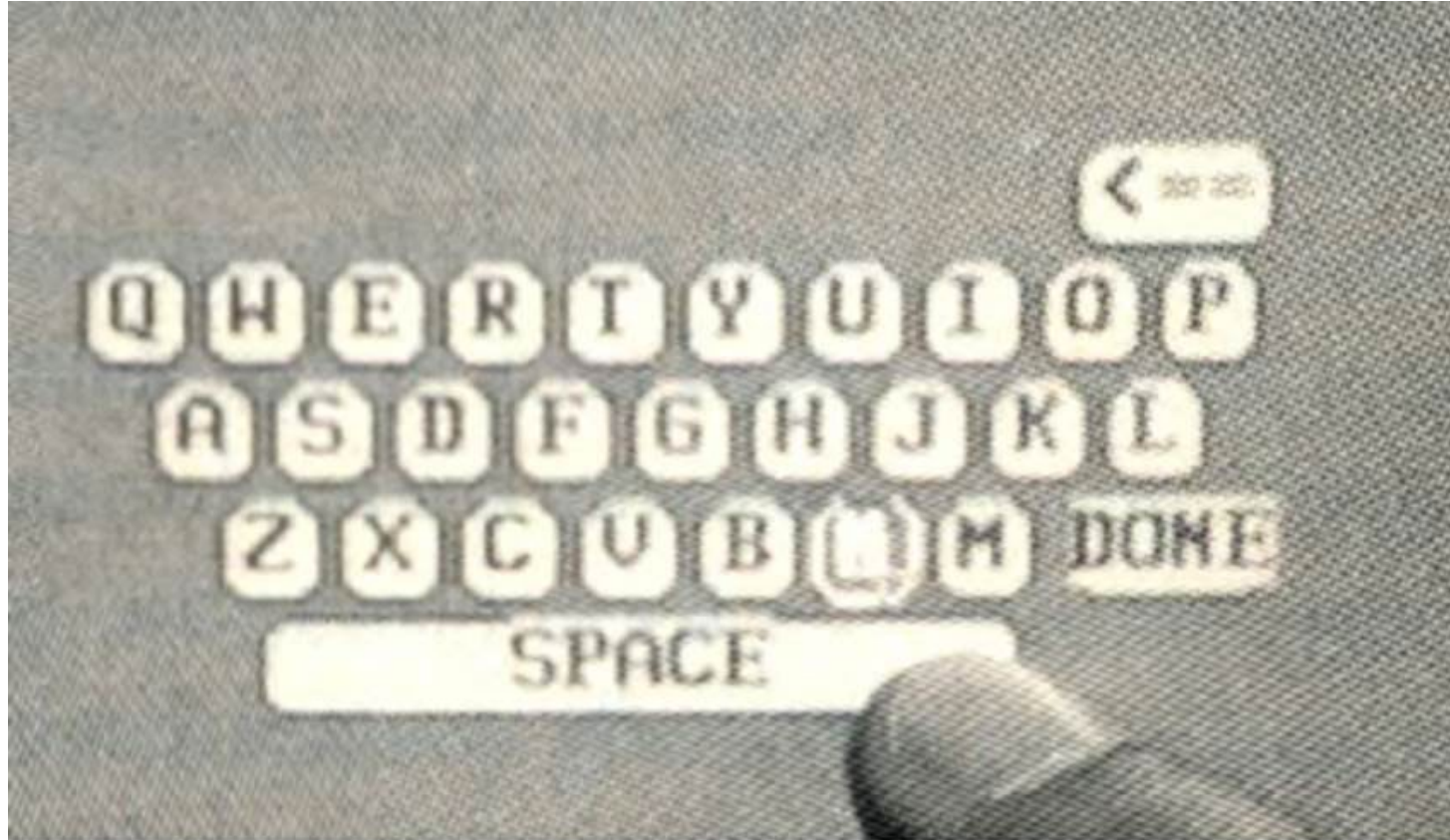
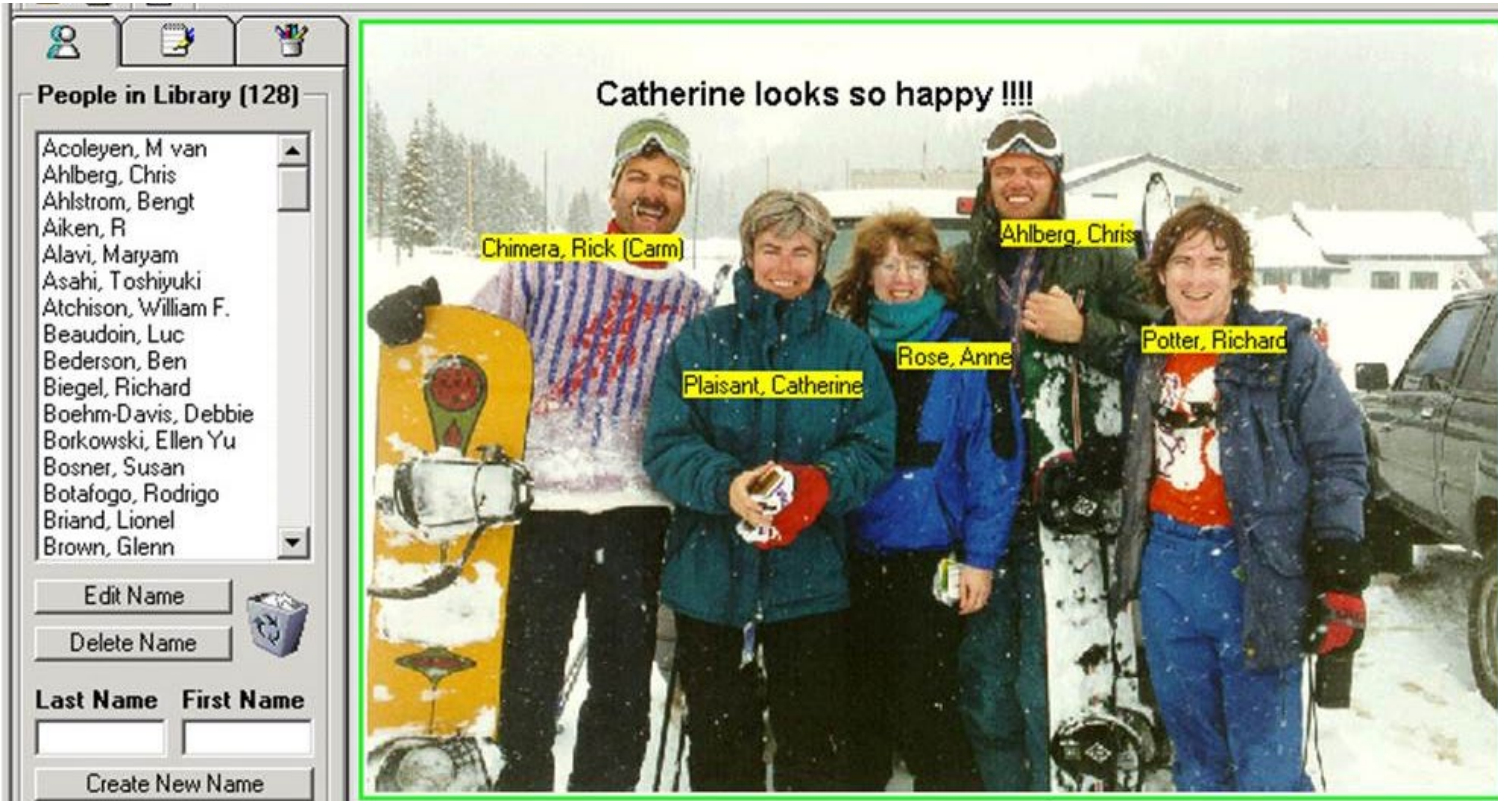


Photo Tagging



People in Library (128)

- Acoleyen, M van
- Ahlberg, Chris
- Ahlstrom, Bengt
- Aiken, R
- Alavi, Maryam
- Asahi, Toshiyuki
- Atchison, William F.
- Beaudoin, Luc
- Bederson, Ben
- Biegel, Richard
- Boehm-Davis, Debbie
- Borkowski, Ellen Yu
- Bosner, Susan
- Botafogo, Rodrigo
- Briand, Lionel
- Brown, Glenn

Chimera, Rick (Carm)

Ahlberg, Chris

Potter, Richard

Rose, Anne

Plaisant, Catherine

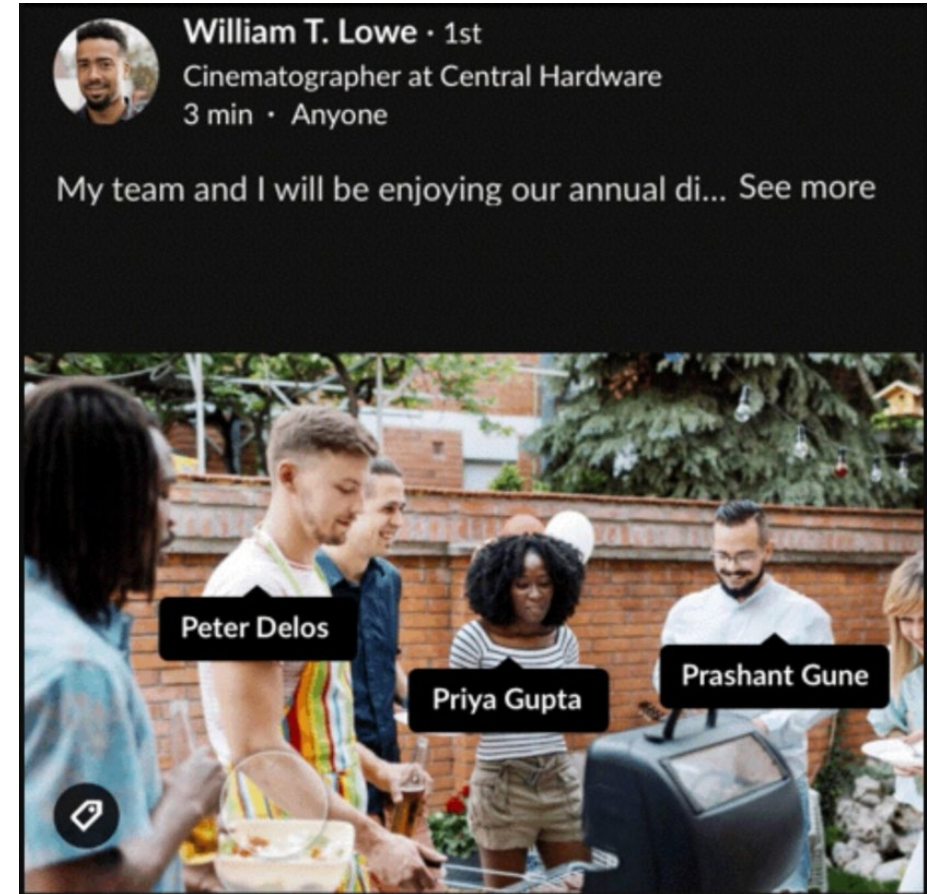
Catherine looks so happy !!!!

Edit Name

Delete Name

Last Name First Name

Create New Name



William T. Lowe · 1st

Cinematographer at Central Hardware

3 min · Anyone

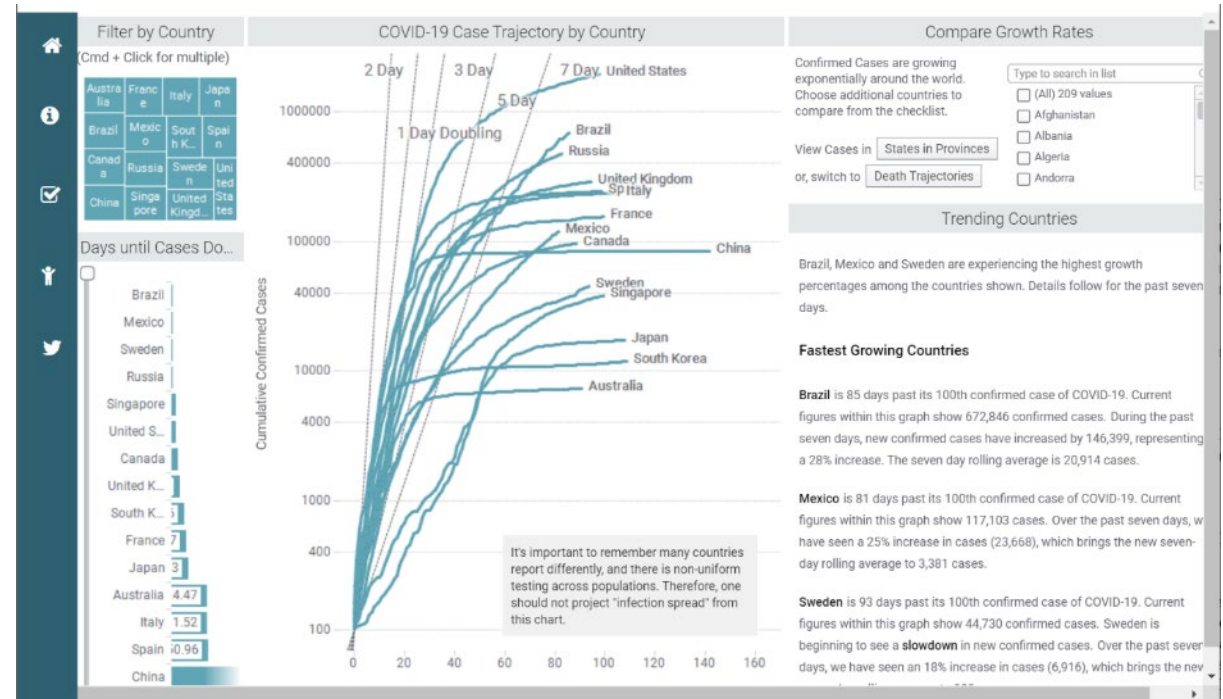
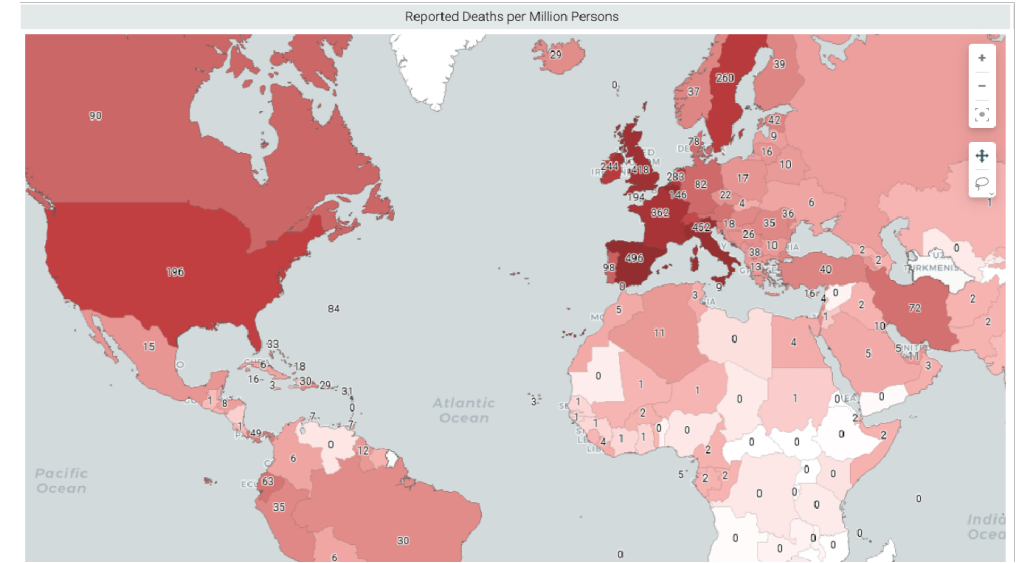
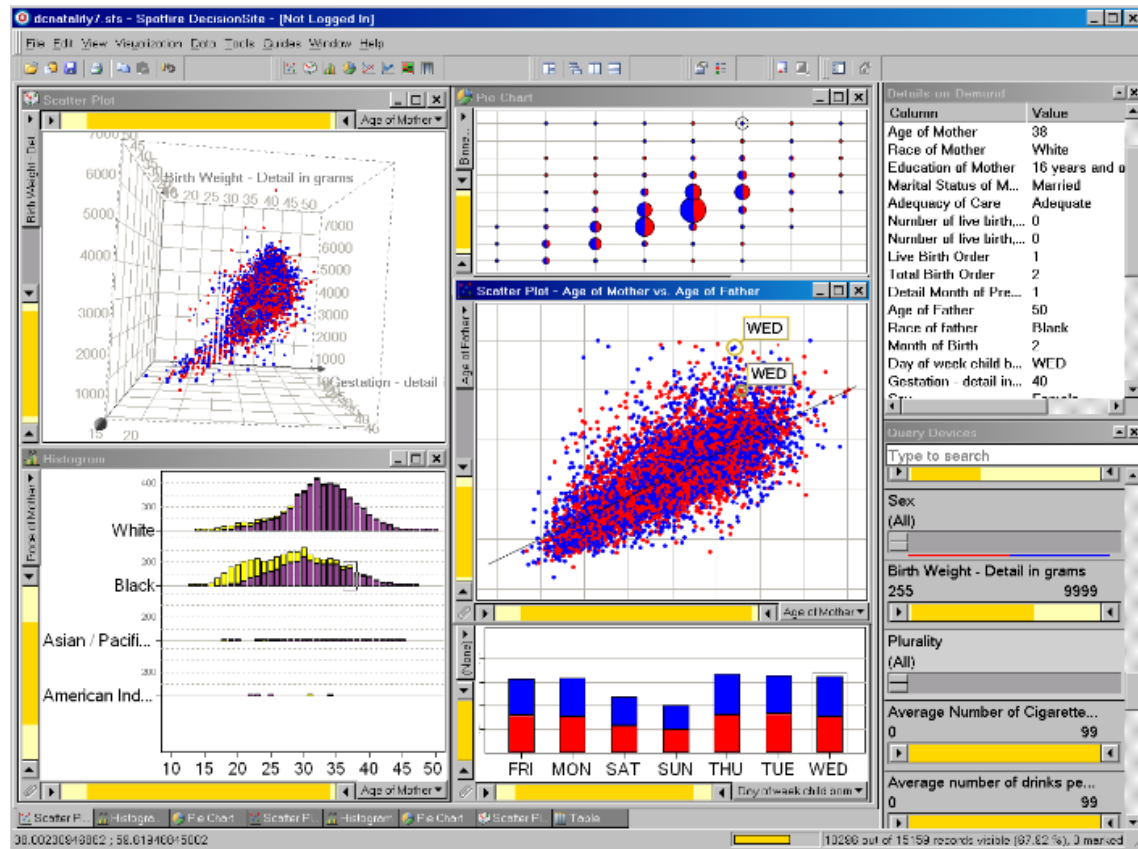
My team and I will be enjoying our annual di... See more

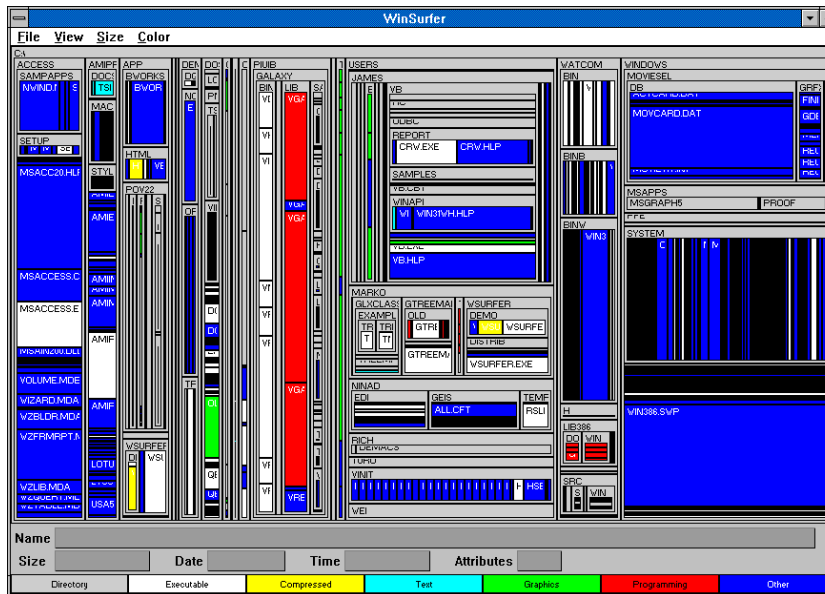
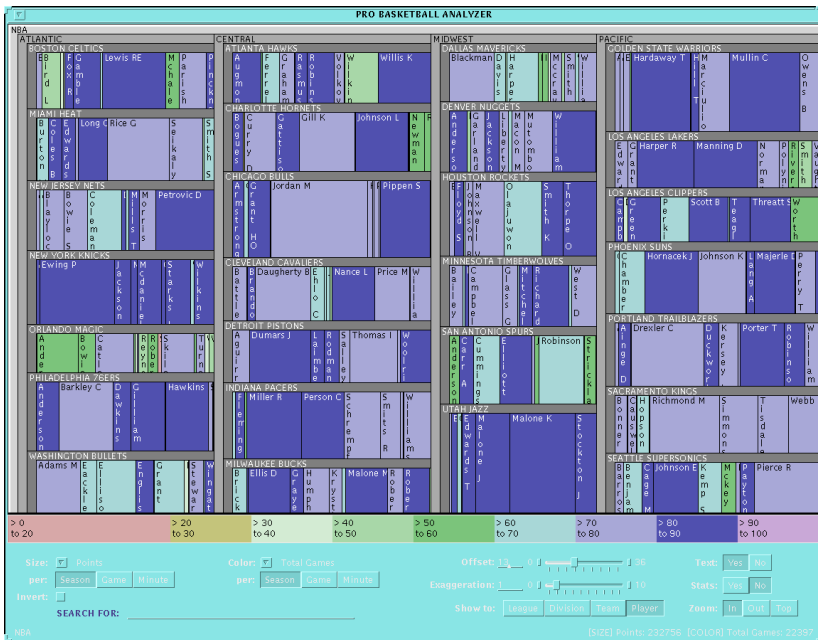
Peter Delos

Priya Gupta

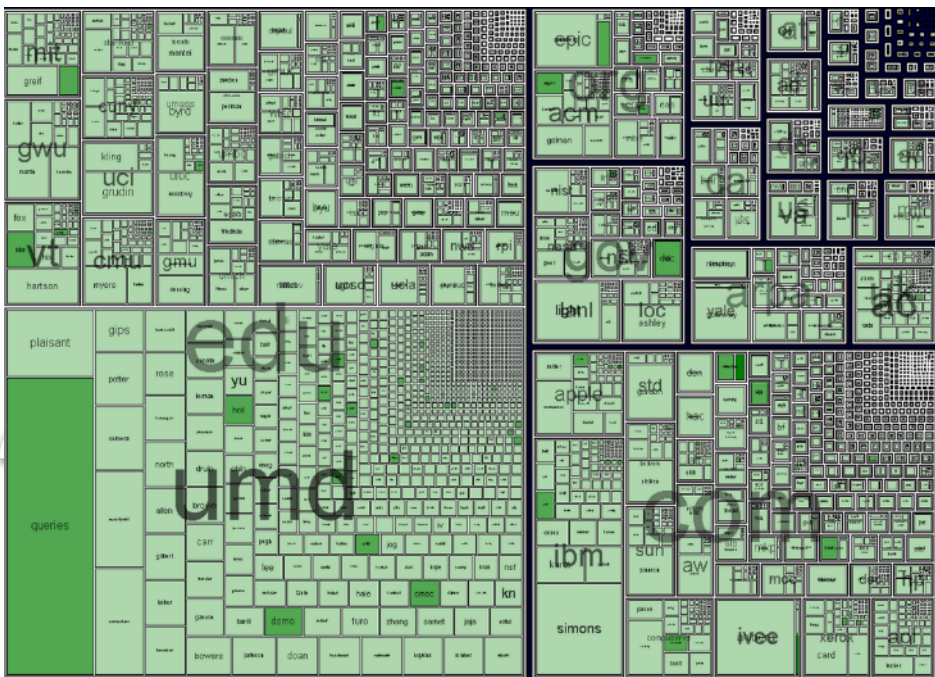
Prashant Gune

Spotfire: Information Visualization - Commercial Success

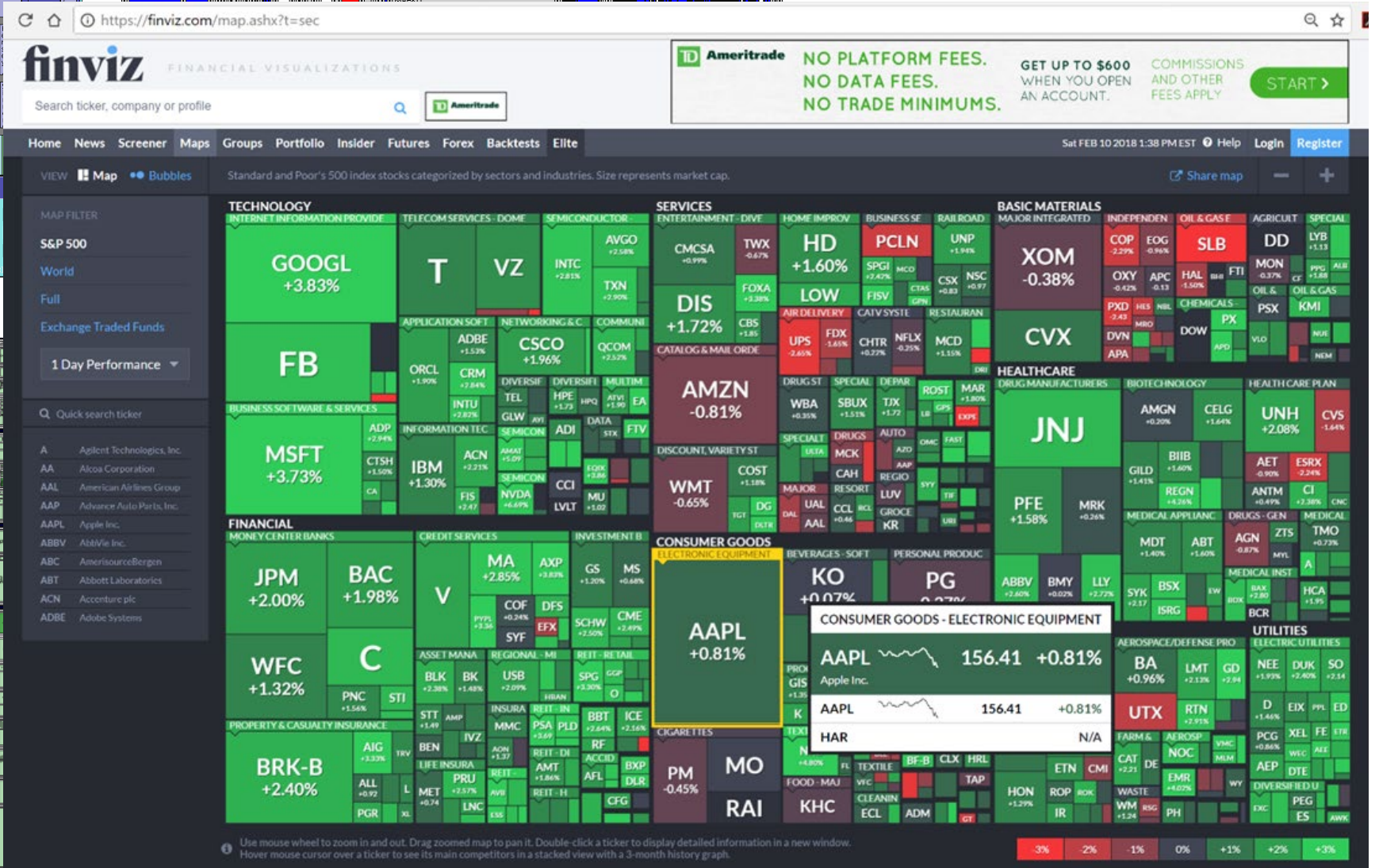
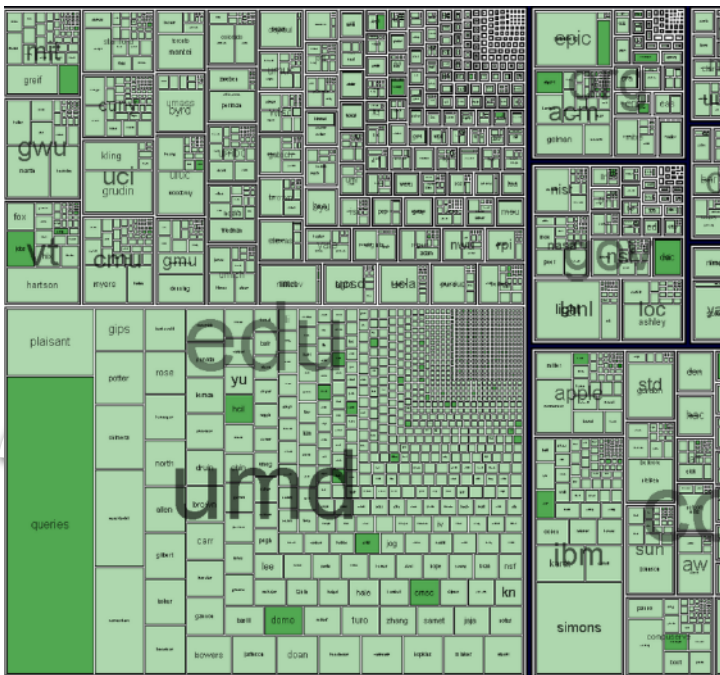
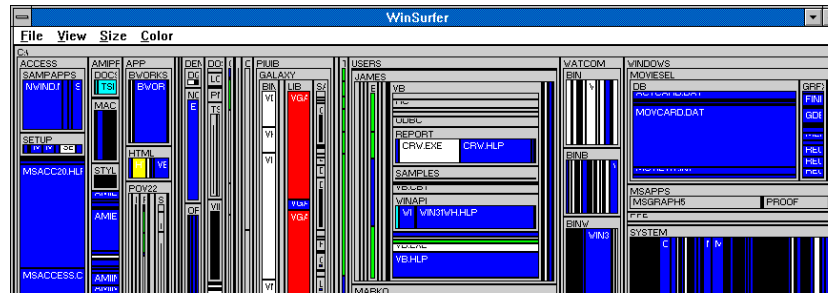
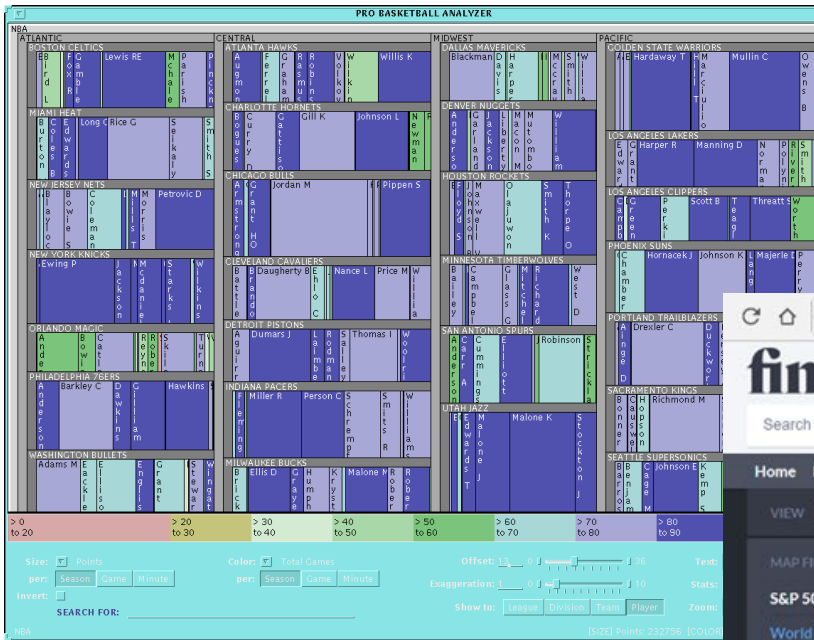




Treemaps



Treemaps



Use mouse wheel to zoom in and out. Drag zoomed map to pan it. Double-click a ticker to display detailed information in a new window. Hover mouse cursor over a ticker to see its main competitors in a stacked view with a 3-month history graph.

NodeXL: Social Network Analysis & Visualization

Senete_Raw_tutorial - Microsoft Excel non-commercial ...

Table Tools

Home Insert Page Layout Formulas Data Review View NodeXL Design

Graph Type: Undirected Import Help Merge Duplicate Edges Copy Vertex Names Calculate Graph Metrics Create Clusters

Show/Hide Graph Pane Export Customize Vertex Menus Create Subgraph Images Show Clusters

AutoFill Columns Convert Old Workbook

Graph Edges Vertices Analysis

Security Warning Automatic update of links has been disabled Options...

H1 Add Your Own Columns Here

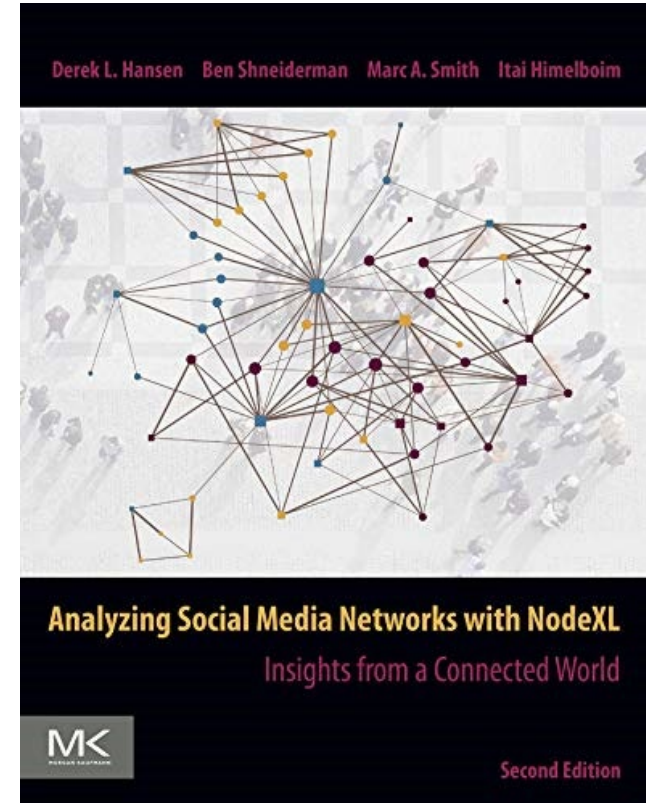
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1	Vertex 1	Vertex 2	Color	Width	Opacity	Visibility	ID
2	Akaka	Alexander	Light Gray		1.7	0	2
3	Akaka	Allard	Light Gray		1.0	0	3
4	Akaka	Baucus	Light Gray		9.9	1	4
5	Akaka	Bayh	Light Gray		9.7	1	5
6	Akaka	Bennett	Light Gray		2.0	0	6
7	Akaka	Biden	Light Gray		10.0	1	7
8	Akaka	Bingaman	Light Gray		10.0	1	8
9	Akaka	Bond	Light Gray		1.6	0	9
10	Akaka	Boxer	Light Gray		10.0	1	10
11	Akaka	Brown	Light Gray		10.0	1	11
12	Akaka	Brownback	Light Gray		1.0	0	12
13	Akaka	Bunning	Light Gray		1.0	0	13
14	Akaka	Burr	Light Gray		1.0	0	14
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16	Akaka	Cantwell	Light Gray		10.0	1	16
17	Akaka	Cardin	Light Gray		10.0	1	17
18	Akaka	Carper	Light Gray		10.0	1	18
19	Akaka	Casey	Light Gray		10.0	1	19
20	Akaka	Chambliss	Light Gray		1.0	0	20
21	Akaka	Clinton	Light Gray		10.0	1	21
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23	Akaka	Cochran	Light Gray		1.7	0	23

Document Actions

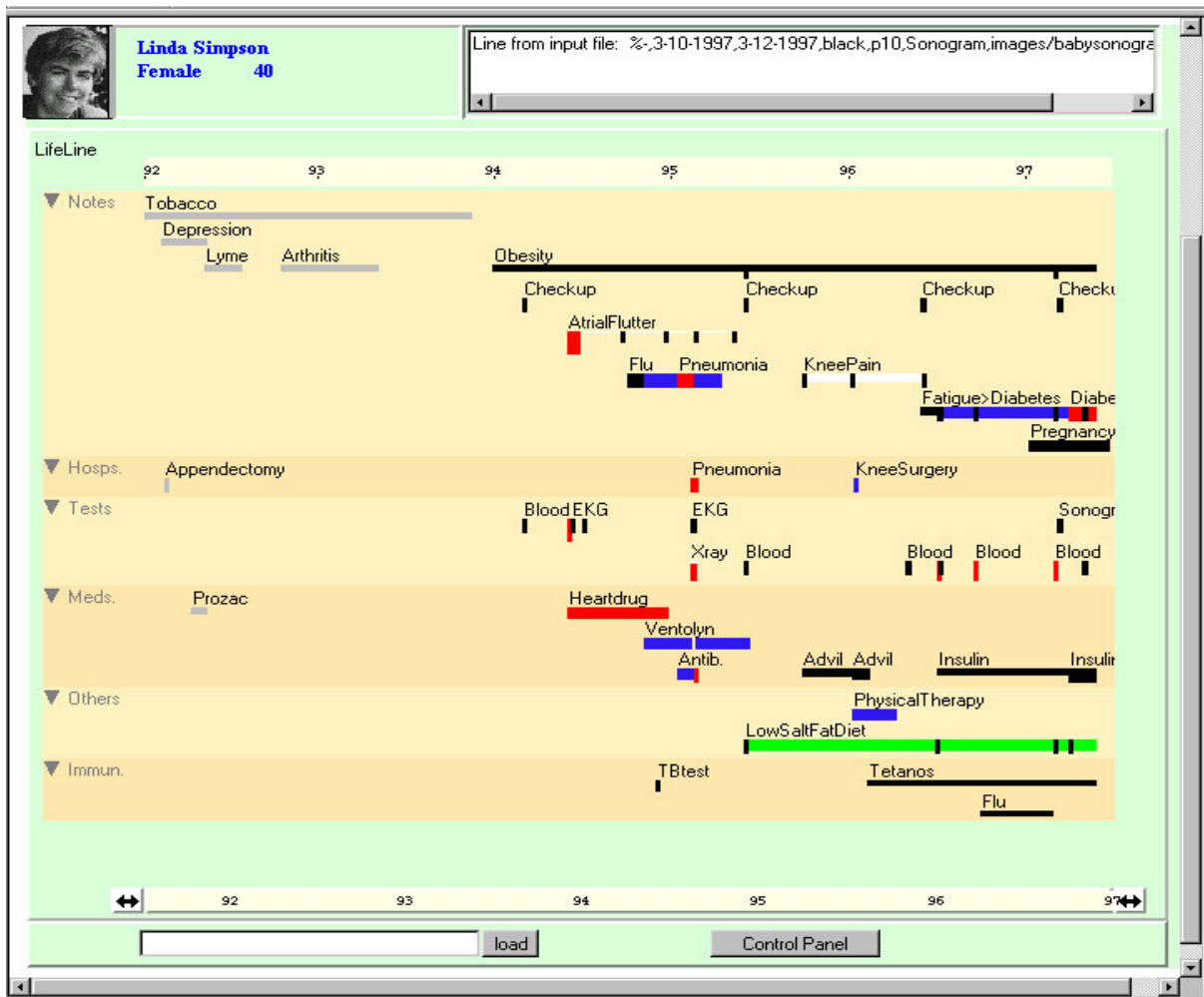
Read Workbook Lay Out Again Layout Type Dynamic Filters

Edges Vertices Images Clusters

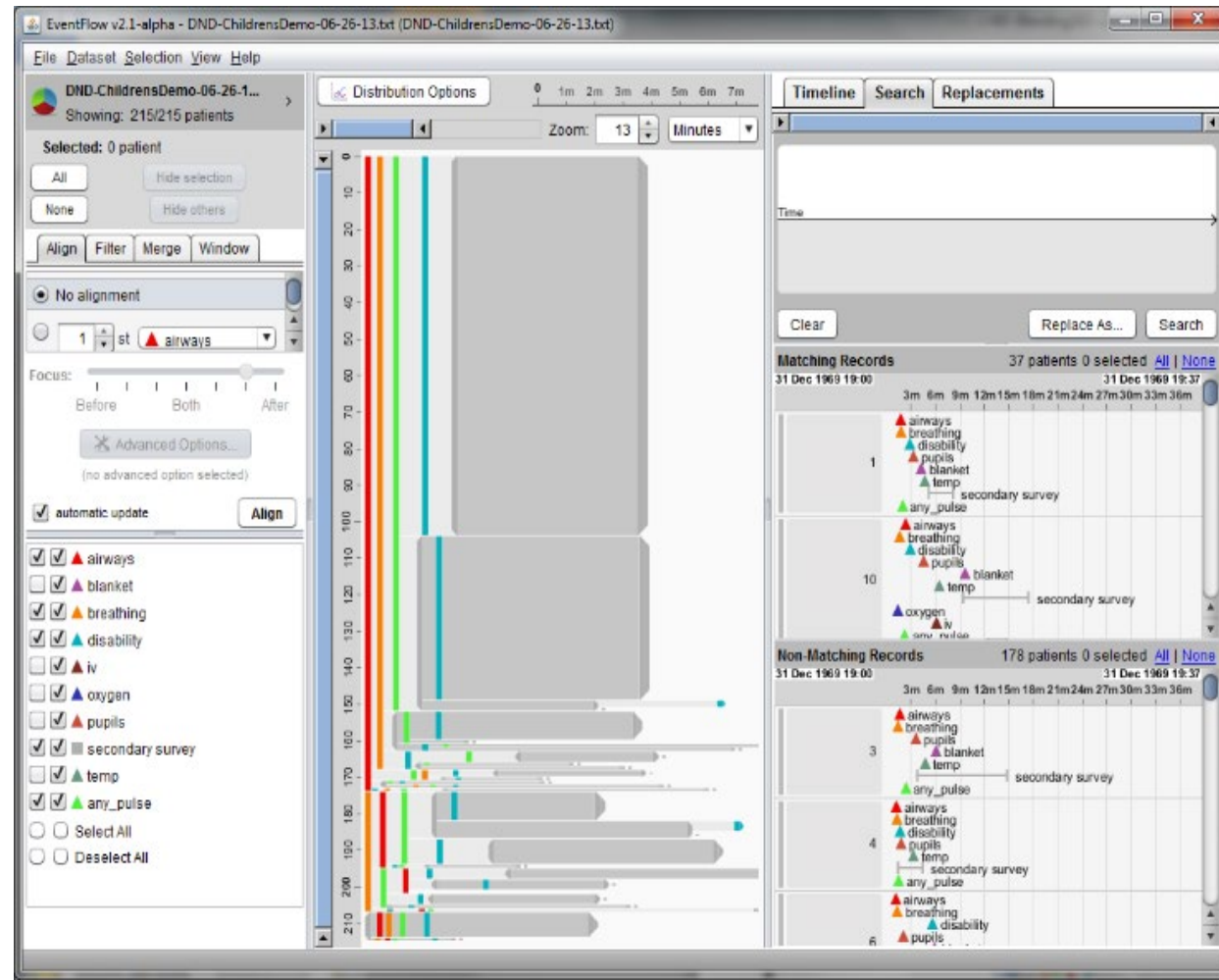
Ready



Medical Information Visualization



LifeLines (1996)



EventFlow (2016)

Designing the User Interface

Design Theories

Direct manipulation

Menus, speech, search

Social Media

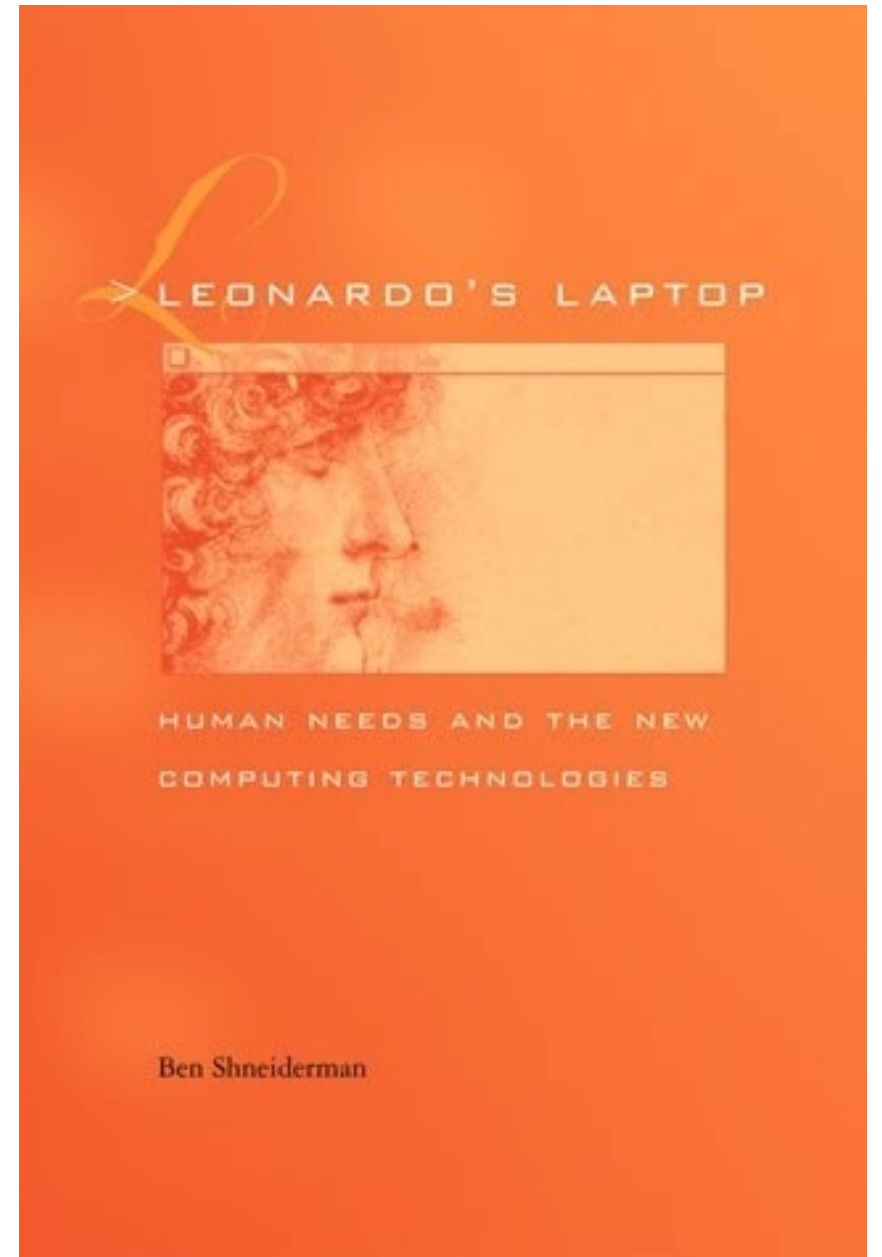
Information Visualization

www.cs.umd.edu/hcil/DTUI6



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Ben Shneiderman

From Wikipedia, the free encyclopedia

Ben Shneiderman (born August 21, 1947) is an American [computer scientist](#), a Distinguished University Professor in the University of Maryland Department of Computer Science, which is part of the [University of Maryland College of Computer, Mathematical, and Natural Sciences](#) at the University of Maryland, College Park, and the founding director (1983-2000) of the [University of Maryland Human-Computer Interaction Lab](#). He conducted fundamental research in the field of [human–computer interaction](#), developing new ideas, methods, and tools such as the [direct manipulation interface](#), and his eight rules of design.^[1]

Contents [hide]

- Biography
- Work
 - [Nassi–Shneiderman diagram](#)
 - [Flowchart research](#)
 - Designing the User Interface*, 1986
 - The Craft of Information Visualization: Readings and Reflections*, 2003
 - [Direct manipulation interface](#)
 - [Information visualization](#)
 - [Taxonomy of interactive dynamics for visual analysis](#), 2012
 - [Universal usability](#)

3 Publications

4 References

Ben Shneiderman



Born	August 21, 1947 (age 72) New York City, New York
Nationality	American
Alma mater	Stony Brook University
Known for	Nassi–Shneiderman diagram , treemap , Information Visualization , HyperLink , Touchscreen , Direct manipulation interface
Awards	Member National Academy of Engineering , ACM Fellow , AAAS