Welcome to Pittsburgh...  
...city of innovation
First industrial math programming model – 1951

Also, first to be solved by computer

LP model for a Gulf oil refinery

Andrew Charnes  William Cooper

“First killer app in operations research”
Birthplace of artificial intelligence – 1959

General Problem Solver

Developed at Carnegie Mellon University

Alan Newell

Herbert Simon
Birthplace of modern oil industry – 1850s

First U.S. petroleum refinery, 1853, at 7th & Grant

First commercial-scale petroleum refinery, 1861

58 refineries in Pittsburgh by late 1860s

Samuel Kier
Edwin Drake
First drive-in gas station – 1913

Baum Blvd. & St Clair St.
Birthplace of the Westinghouse air brake – 1868

Key to modern railway systems.

Westinghouse and Tesla were pioneers in AC power systems.

George Westinghouse

Nikola Tesla
Birthplace of aluminum industry – 1888

Pittsburgh Reduction Company

Also first all-aluminum skyscraper, 1953

ALCOA Building
Birthplace of Ferris wheel – 1893

Designed by
George Ferris,
Pittsburgh engineer

Original Ferris wheel
Chicago World’s Fair
Pioneering investigative journalism – 1880s

Investigation of working women for *Pittsburgh Dispatch*

Exposé of insane asylums (New York City)

Elizabeth Cochrane
aka “Nelly Bly,”
a song by Stephen Foster,
“Father of American music”

...also from Pittsburgh!
First motion picture theater – 1905

The Nickelodeon, Smithfield St
First commercial radio station – 1920

Established by Westinghouse Electric Corp

Still in operation today
First community-owned public TV station – 1954

WQED, producer of Mr. Roger’s Neighborhood

Still in operation today

Fred Rogers
Medical pioneers – 1950s to the present

At University of Pittsburgh School of Medicine

Jonas Salk
Developer of polio vaccine

Thomas Starzl
“Father of modern transplantation”
Seminal contribution to haute cuisine – 1967

Big Mac, first served in Uniontown, near Pittsburgh
Birthplace of the emoticon – 1982

19-Sep-82 11:44 Scott E Fahlman
From: Scott E Fahlman <Fahlman at Cmu-20c>

I propose that the following character sequence for joke markers:

:-)

Read it sideways. Actually, it is probably more economical to mark things that are NOT jokes, given current trends. For this, use

:-(
Legendary jazz innovation – 1920s to the present

Presentation by MCG Jazz...

Earle Hines  Billy Strayhorn  Erroll Garner