





# Debugging CSS

*Stephanie Hobson*

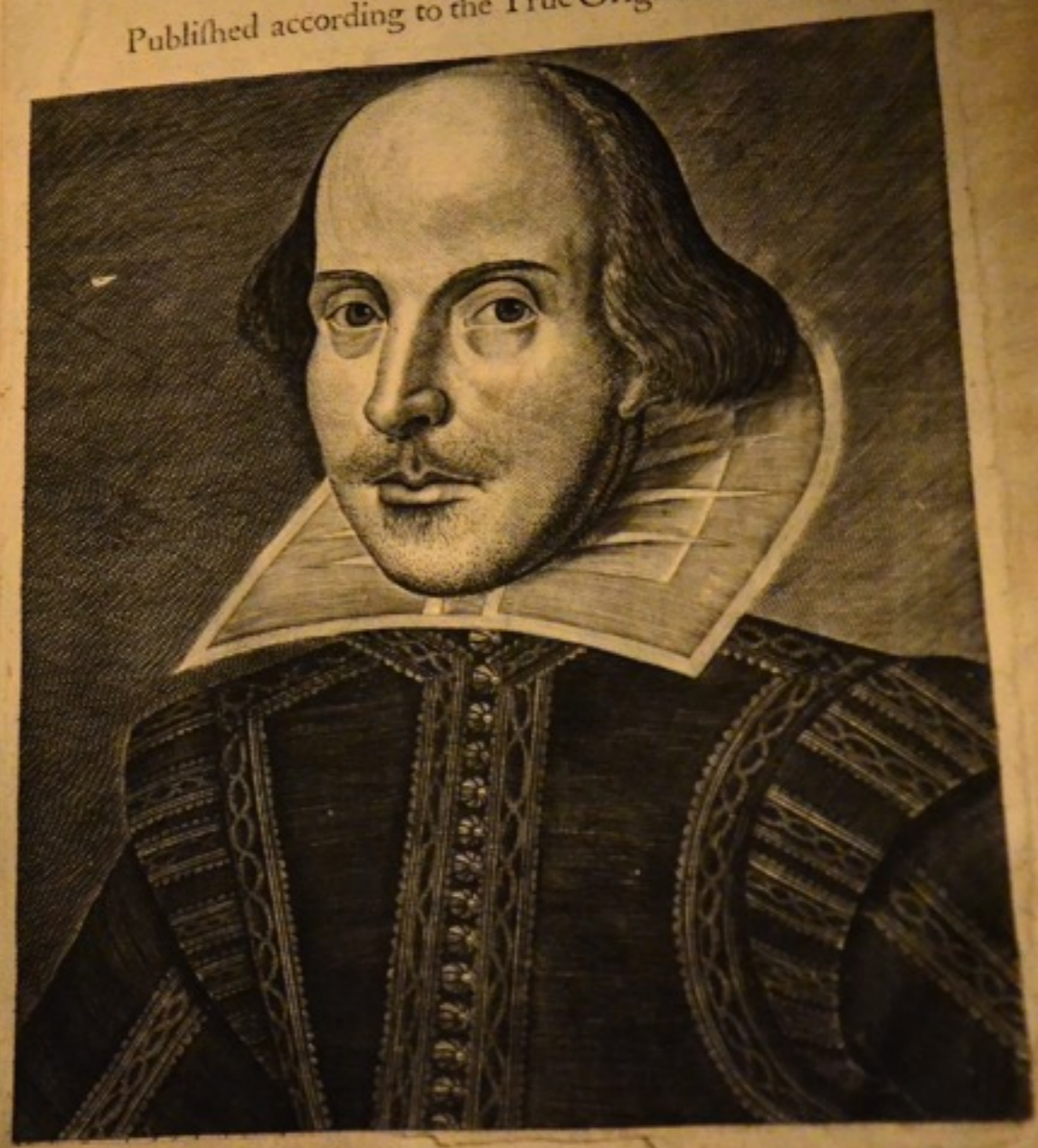


...i sermonibus  
...accubatione epi  
...unctione habent  
...m graa. qui hoc  
...natione vocant  
...id maxime pba  
...sermonis electa  
...cor. nec cu agli  
...restat. s. cu vna  
...alvoq; senectuti  
...s auditate auxit  
...d si que etia ista  
...vixisse videar volu  
...id a naturali mo  
...quitent volupta  
...tute. Me vero a

...nisi voluptate. Cuncti tui sunt  
...mibi

MR. WILLIAM  
**SHAKESPEARES**  
COMEDIES,  
HISTORIES, &  
TRAGEDIES.

Published according to the True Originall Copies.



Honost

An Idle Swain to make a Leap was seen  
Which shan'd his Fellow Shepherds on the Green,  
And growing Vain, he would Essay once more,  
But lost the Fame, which he had gain'd before;  
Oft' did he try, at length was forc'd to yeild  
He Stove in Vain, — He had himself Excell'd:  
So Nature once in her Essays of Wit  
In Shakespear took the Shepherds Lucky Leap  
But over-straining in the great Effort,  
In Dryden, and the rest, has since fell Short.

Under Shakespear's Picture by S. Johnson

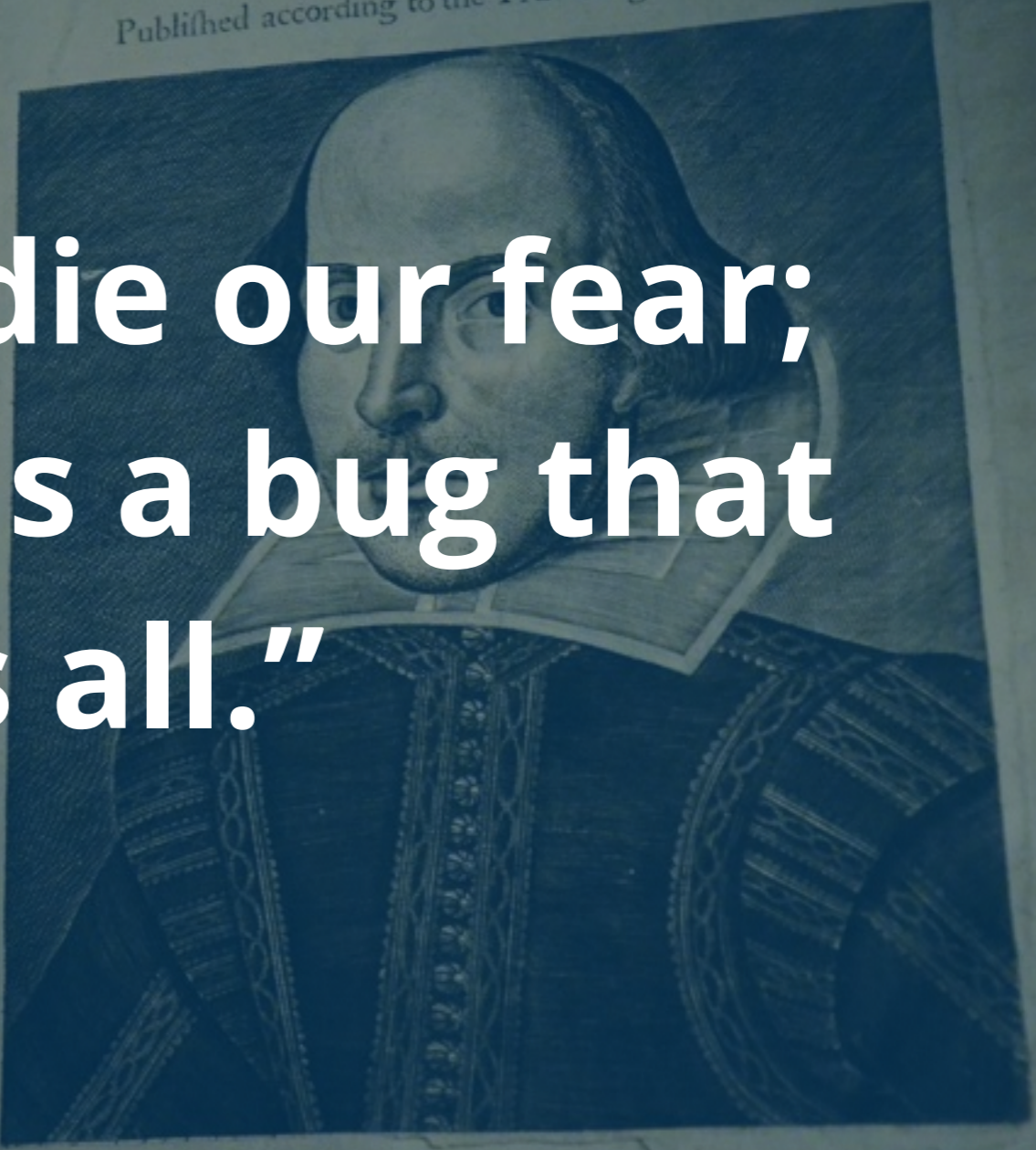
This Figure, which thou here seest put,  
It was for gentle Shakespear cut,  
Wherein y. Graver was at Strife  
With Nature to out-do y. Life;  
Oh, could he but have drawn his Wit  
As well in Brabs, as he has sett  
His Face. — The print would y. surpass  
All y. was ever Wit in Brabs;  
But since he cannot, Reader Look  
Not on his Picture, but his Book



MR. WILLIAM SHAKESPEARES

COMEDIES, HISTORIES, & TRAGEDIES.

Published according to the True Originall Copies.



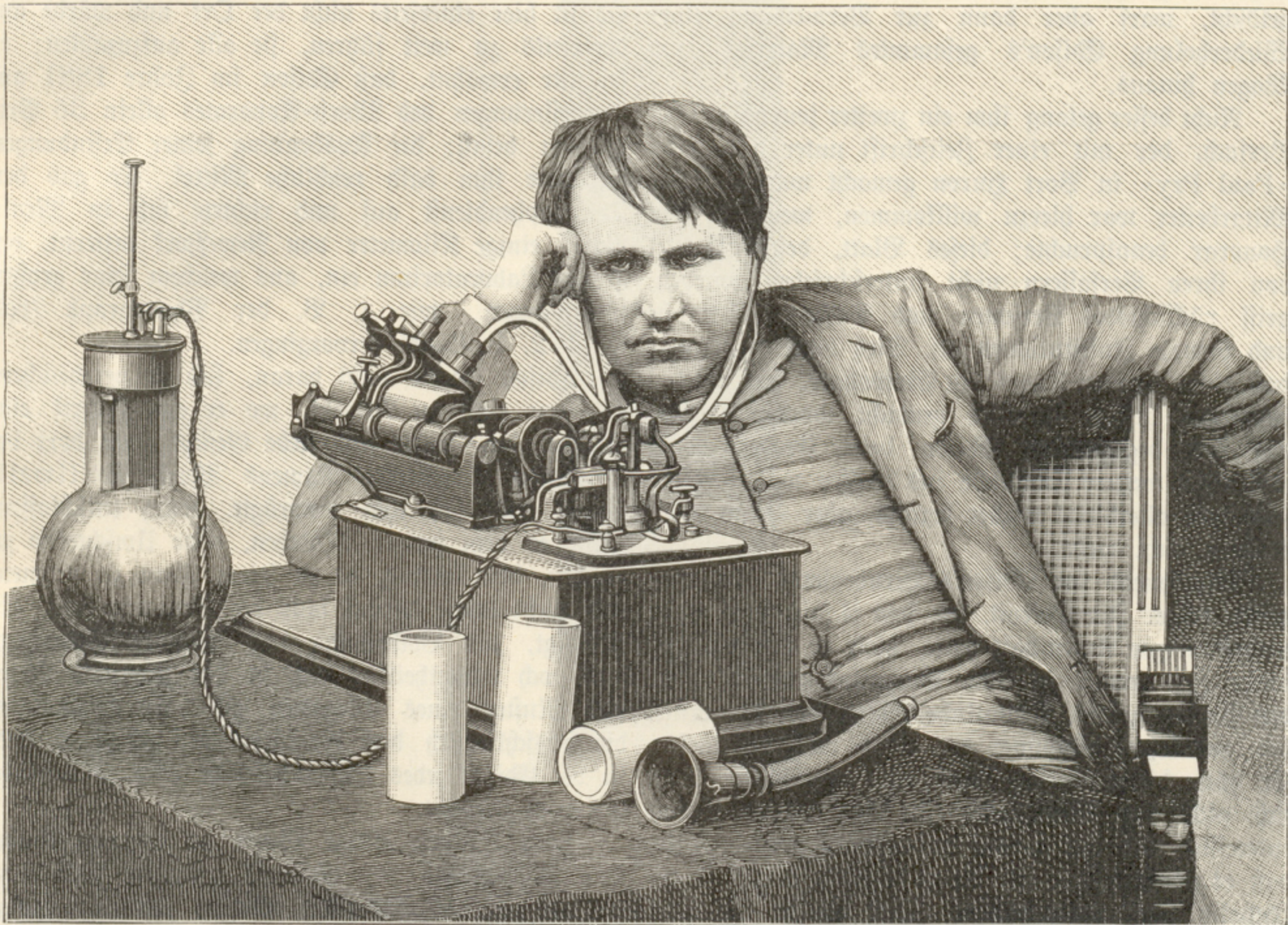
“Die thou; and die our fear; For Warwick was a bug that fear'd us all.”

An Active Swain to make a Leap was seen  
Which shan'd his Fellow Shepherds on the Green,  
And growing Vain, he would Essay once more,  
But lost the Fame, which he had gain'd before;  
O'er did he try, at length was forc'd to yeild  
He Stove in Vain, — He had himself Excell'd:  
So Nature once in her Essays of Wit  
In Shakespear took the Shepherd's Lucky Leap  
But over-straining in the great Essay  
In Dying he did re...

Under Shakespeares Picture by S. Johnson  
...  
Wherein y. Graver was at Strife  
With Nature to carve out  
Oh, could he but have had as much Wit  
As well in Brabs, as he has sett  
His Face. — This print would y. surpass  
All y. was ever Wit in Brabs;  
But since he cannot, Reader Look  
Not on his Picture, but his Book

Honost





Edison am Phonograph. (Nach einer Photographie.)







9/9

0800 Antan started  
1000 " stopped - antan ✓

{ 1.2700 9.037 847 025  
9.037 846 995 connect

13<sup>00</sup> MC (032) MP - MC ~~1.982147000~~  
~~2.130476415~~ (3) 4.615925059 (-2)  
(033) PRO 2 2.130476415  
connect 2.130676415

Relays 6-2 in 033 failed special speed test  
in relay " 10.000 test.

Relay  
2145  
Relay 33

1100 Started Cosine Tapc (Sine check)  
1525 Started Mult + Adder Test.

1545



Relay #70 Panel F  
(moth) in relay.

1630 Antan started.  
1700 closed down.  
First actual case of bug being found.



# Debugging CSS



# Is the HTML valid?

- [validator.w3.org](http://validator.w3.org)



# Is the CSS valid?

- [csslint.net](http://csslint.net)
- [jigsaw.w3.org/css-validator](http://jigsaw.w3.org/css-validator)

*@stephaniehobson*



# Is the right CSS being applied?

*Is what you typed being applied?*

*Is other stuff being applied?*

*Is what's being applied right?*

- Inspect styles with dev tools
- Inspect box model with dev tools
- Disable browser add-ons

*@stephaniehobson*



# Does CSS support what you're doing?

- Read the specs (don't read the specs)
- Mozilla Developer Network (MDN)
- Search for the problem
  - Stack Overflow
  - SitePoint
  - CSS Tricks
  - MDN



# Does the browser support it?

- [caniuse.com](https://caniuse.com)
- MDN

*@stephaniehobson*



# Can you isolate the problem?

- Take things away until it works
- Start with nothing, add things until it stops working
  - [codepen.io](http://codepen.io) or [jsfiddle.net](http://jsfiddle.net)
- Search for the wacky combination of circumstances that cause the problem



# Ask for help

- Stack Overflow

*@stephaniehobson*



# Steps to Debug

1. Is the HTML valid?
2. Is the CSS valid?
3. Is the right CSS being applied?
4. Does CSS support what you're doing?
5. Does the browser support it?
6. Can you isolate the problem?
7. Ask for help



... sermonibus  
 ... accubatione epi  
 ... habent  
 ... qui hoc  
 ... natione vocant  
 ... id maxime pba  
 ... sermonis electa  
 ... nec cu agli  
 ... restat. h cu vna  
 ... alioq; senectuti  
 ... auditate auxit  
 ... si que etia ista  
 ... velle videar volu  
 ... id a naturali mo  
 ... quidem volupta  
 ... tate. Me vero

... nisi voluptate. Cuius tui sine  
 ... mba

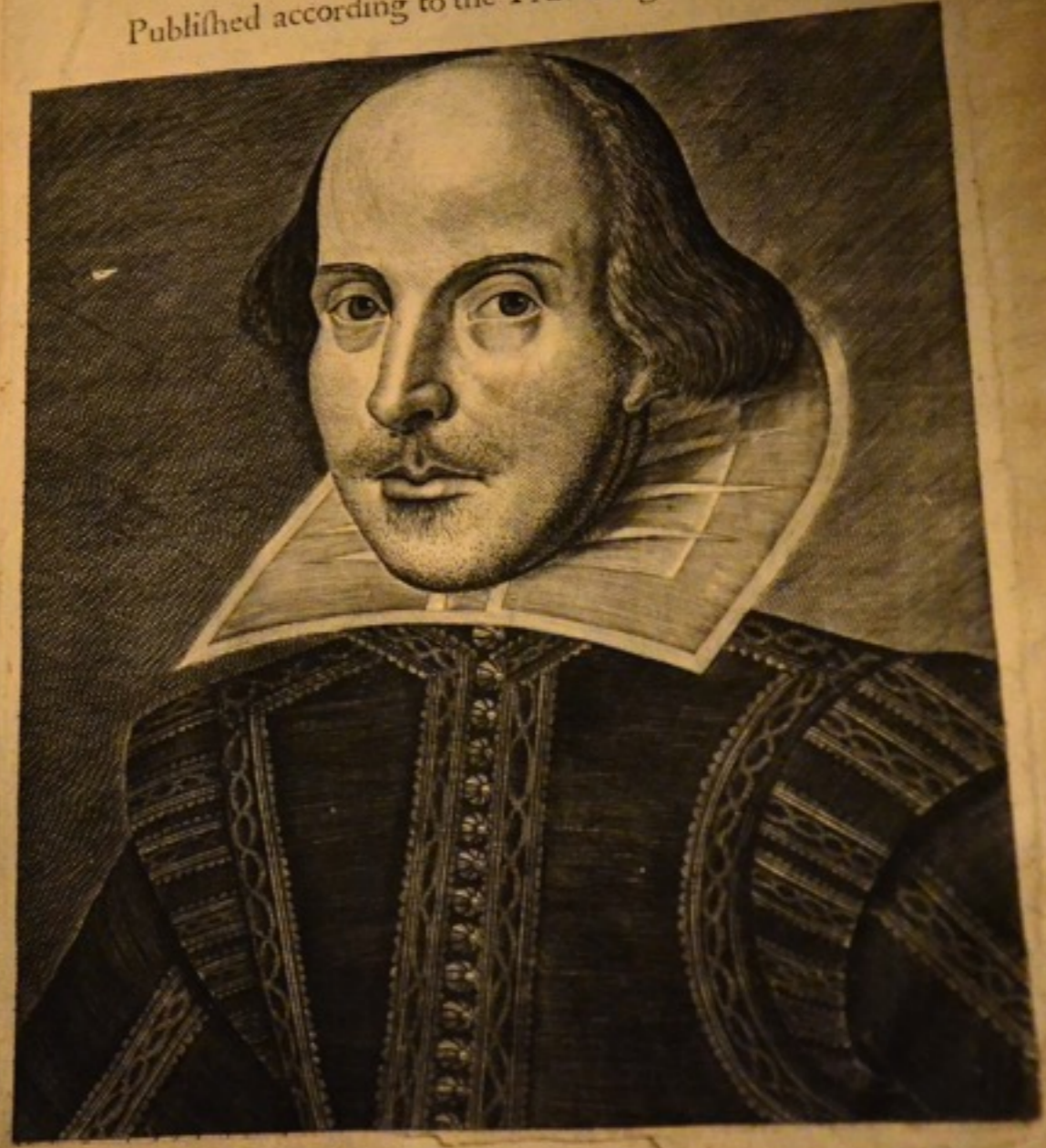
An Active Swain to make a Leap was seen  
 Which shan'd his Fellow Shepherds on the Green,  
 And growing Vain, he would Essay once more,  
 But lost the Fame, which he had gain'd before;  
 O'er did he try, at length was forc'd to yeild  
 He Stove in Vain, — He had himself Excell'd:  
 So Nature once in her Essays of Wit,  
 In Shakespear took the Shepherds Lucky Leap  
 But over-straining in the great Effort,  
 In Dryden, and the rest, has since fell Short.

Under Shakespear's Picture by A. Johnson

This Figure, which thou here seest put,  
 It was for gentle Shakespear cut,  
 Wherein y. Graver was at Strife  
 With Nature to out-do y. Life;  
 Oh, could he but have drawn his Wit  
 As well in Brabs, as he has sett  
 His Face. — The print would y. surpass  
 All y. was ever Wit in Brabs;  
 But since he cannot, Reader Look  
 Not on his Picture, but his Book

MR. WILLIAM  
**SHAKESPEARES**  
 COMEDIES,  
 HISTORIES, &  
 TRAGEDIES.

Published according to the True Originall Copies.



Honost



# Thank You

*Stephanie Hobson*

*stephaniehobson.ca*

*@stephaniehobson*



# Questions



# Tools for Debugging

- Developer tools
- W3C validators
- [csslint.net](http://csslint.net)
- [caniuse.com](http://caniuse.com)
- MDN
- Stack Overflow
- [codepen.io](http://codepen.io) / [jsfiddle.net](http://jsfiddle.net)



# Search Tips

- Find trustworthy resources
  - MDN, SitePoint
  - Search these sites by including their names in the search query
- Add 'CSS' to your search
- Use the right vocabulary



# Diagnostic Styles

- `outline: 1px solid #0f0;`
- `* {background: rgba(0,0,255,0.2) !important;}`
- [css-tricks.com/snippets/css/css-diagnostics](https://css-tricks.com/snippets/css/css-diagnostics)