



HR0835

LRB099 14995 MST 39190 r

1

HOUSE RESOLUTION

2           WHEREAS, Computer science is a foundational skill for every  
3 21st century student; however, many schools in the United  
4 States do not teach courses on the subject; and

5           WHEREAS, Computer science jobs are growing at a rate of 2  
6 times the national average compared to other professions; there  
7 are over 25,000 open computing jobs in Illinois, which is over  
8 4 times the average State demand rate; and

9           WHEREAS, It is estimated that 1.4 million computer  
10 programming jobs will need to be filled by the next decade;  
11 only 400,000 of these positions are expected to be filled,  
12 causing a loss of nearly \$500 billion in future salaries; and

13           WHEREAS, Less than 2.5% of American college students  
14 graduate with degrees in computer science; enrollment figures  
15 for computer science have dropped compared to the previous  
16 decade; and

17           WHEREAS, Only 0.7% of 2012 high school Advanced Placement  
18 students studied computer science; only 15% of those students  
19 were women, and only 8% were students from communities of  
20 color; and

1           WHEREAS, Computer science credits can only be put toward  
2 high school graduation in 27 states; and

3           WHEREAS, The Hour of Code challenge teaches individuals how  
4 to create computer code for an hour to show anyone can learn  
5 the basics of computer programming; and

6           WHEREAS, Over 47,000 Hour of Code events have been  
7 conducted on every habitable continent and within 180  
8 countries; and

9           WHEREAS, Over 100 million students have tried the Hour of  
10 Code challenge to boost problem solving, logic, and creativity  
11 skills; and

12           WHEREAS, The Hour of Code challenge promotes awareness of  
13 computer science and helps all students realize their full  
14 potential; Illinois schools should strive to ensure all  
15 students are prepared to be part of a 21st century workforce;  
16 therefore, be it

17           RESOLVED, BY THE HOUSE OF REPRESENTATIVES OF THE  
18 NINETY-NINTH GENERAL ASSEMBLY OF THE STATE OF ILLINOIS, that we  
19 designate the week of December 7-13, 2015 as "Hour of Code  
20 Week" in the State of Illinois; and be it further

1           RESOLVED, That we encourage all public and private  
2 educational institutions in Illinois to have their students  
3 participate in the challenge.