

MAR 09 2018

SENATE CONCURRENT RESOLUTION

REQUESTING THE DEPARTMENT OF EDUCATION TO CONVENE A COMPUTER SCIENCE TASK FORCE TO REVIEW COMPUTER SCIENCE PROGRAMS IN HAWAII'S PUBLIC SCHOOLS AND TO SUPPORT, STRENGTHEN, AND ESTABLISH PARTNERSHIPS AMONG EDUCATIONAL INSTITUTIONS, INDUSTRIES, AND BUSINESSES TO IMPROVE COMPUTER SCIENCE PROGRAMS.

1 WHEREAS, computer related jobs are among the fastest
2 growing fields of employment in the United States; and
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4 WHEREAS, according to the United States Bureau of Labor
5 Statistics Employment Projections for 2010 to 2020, more than
6 half of the anticipated science, technology, engineering, and
7 mathematics (STEM) jobs will be in computing; and
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9 WHEREAS, approximately fifty percent of Americans rank
10 computer science as one of the most important subjects to study,
11 after reading and writing; and
12

13 WHEREAS, according to a joint report by Gallup and Google
14 entitled, "Searching for Computer Science: Access and Barriers
15 in U.S. K-12 Education", roughly ninety percent of parents
16 consider computer science as a good resource for their children
17 to learn in schools; and
18

19 WHEREAS, as of December 2016, there were 1,343 computer
20 jobs in Hawaii, and the average salary for these computing jobs
21 was \$78,414, exceeding the average state salary of \$47,740; and
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23 WHEREAS, in 2014, only one hundred fifty-five students in
24 Hawaii graduated with a bachelor's degree in computer science;
25 and
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27 WHEREAS, students who learn computer science in high school
28 are six times more likely to pursue a post-secondary degree in
29 computer science; now, therefore,



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2 BE IT RESOLVED by the Senate of the Twenty-ninth
3 Legislature of the State of Hawaii, Regular Session of 2018, the
4 House of Representatives concurring, that the Department of
5 Education is requested to convene a computer science task force
6 to review computer science programs in Hawaii's public schools
7 and to support, strengthen, and establish partnerships among
8 educational institutions, industries, and businesses to improve
9 computer science programs; and

10
11 BE IT FURTHER RESOLVED that the Department of Education is
12 requested to convene the task force no later than September 1,
13 2018; and

14
15 BE IT FURTHER RESOLVED that the task force's review of
16 computer science programs is requested to focus on providing
17 recommendations on:

- 18
19 (1) Improving the availability, quality, and coordination
20 of computer science programs in public schools;
21
22 (2) How collaboration can be promoted between agencies and
23 stakeholders providing computer science programs and
24 professional development for computer science
25 educators in Hawaii;
26
27 (3) Ways to create and implement a common data management
28 system that links participation in computer science
29 programs to attendance, course marks, and college
30 entry;
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32 (4) Funding opportunities for computer science programs;
33 and
34
35 (5) Ways to assess the progress of the first three years
36 of a statewide computer science program initiative to
37 improve access, equity, course availability, funding,
38 and outcomes; and
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40 BE IT FURTHER RESOLVED that the Superintendent of
41 Education, or the Superintendent's designee, Chairperson of the
42 Senate Committee on Education, and Chairperson of the House of



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1 Representatives Committee on Education are requested to serve as
2 the co-chairpersons of the task force and to invite the
3 following individuals, at minimum, or their designees, as
4 members of the task force:

- 5
6 (1) One member of the Senate designated by the Chairperson
7 of the Senate Committee on Education;
- 8
9 (2) One member of the House of Representatives designated
10 by the Chairperson of the House of Representatives
11 Committee on Education;
- 12
13 (3) Assistant Superintendent of the Office of Curriculum,
14 Instruction, and Student Support, or the Assistant
15 Superintendent's designee;
- 16
17 (4) Assistant Superintendent of the Office of Information
18 Technology Services, or the Assistant Superintendent's
19 designee;
- 20
21 (5) Director of Business, Economic Development, and
22 Tourism, or the Director's designee;
- 23
24 (6) One elementary school principal;
- 25
26 (7) One middle or intermediate school principal;
- 27
28 (8) One high school principal;
- 29
30 (9) Executive Director of Hawaii P-20 Partnerships for
31 Education, or the Executive Director's designee;
- 32
33 (10) One elementary school teacher;
- 34
35 (11) One middle or intermediate school teacher;
- 36
37 (12) One high school teacher;
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39 (13) One charter school representative;
- 40
41 (14) One representative of the Computer Science Teachers
42 Association - Hawaii Chapter;



- 1 (15) One representative of the Chamber of Commerce Hawaii;
- 2
- 3 (16) President of the University of Hawaii System, or the
- 4 President's designee;
- 5
- 6 (17) One representative of the Teacher Education
- 7 Coordinating Committee, established pursuant to
- 8 304A-1202, Hawaii Revised Statutes; and
- 9
- 10 (18) Two computer science workforce representatives; and

11
12 BE IT FURTHER RESOLVED that members of the computer science
13 task force serve without compensation; and
14

15 BE IT FURTHER RESOLVED that the computer science task force
16 be exempt from chapter 92, Hawaii Revised Statutes; provided
17 that the task force makes a good faith effort to make its
18 proceedings and work products accessible and available to the
19 general public in a manner consistent with the intent of chapter
20 92, Hawaii Revised Statutes; and
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22 BE IT FURTHER RESOLVED that the Department of Education's
23 Office of Curriculum, Instruction, and Student Support is
24 requested to provide support to the computer science task force
25 and be responsible for addressing the findings and task force
26 recommendations; and
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28 BE IT FURTHER RESOLVED that the Department of Education, on
29 behalf of the task force, is requested to submit the task
30 force's findings and recommendations, including any proposed
31 legislation, to this body no later than twenty days prior to the
32 convening of the Regular Session of 2019; and
33

34 BE IT FURTHER RESOLVED that certified copies of this
35 Concurrent Resolution be transmitted to the President of the
36 Senate; Speaker of the House of Representatives; Superintendent
37 of Education; Chairperson of the Board of Education; Director of
38 Business, Economic Development, and Tourism; President of the
39 University of Hawaii System; Executive Director of Hawaii P-20
40 Partnerships for Education; President of the Chamber of Commerce
41 Hawaii; Executive Director of the Hawaii State Public Charter
42 School Commission; President of the Computer Science Teachers

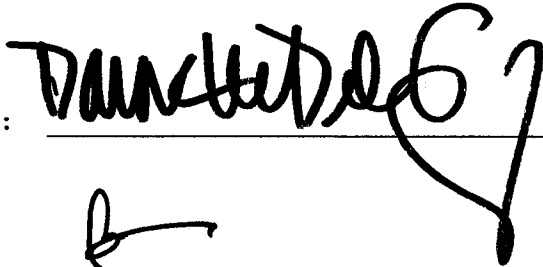


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1 Association - Hawaii Chapter; and Dean of the College of
2 Education of the University of Hawaii.

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OFFERED BY: _____



Michelle Sidani

