SENATE RESOLUTION

REQUESTING THE STATE TO CONVENE AN ARTIFICIAL INTELLIGENCE
ADVISORY COMMITTEE TO INVESTIGATE HOW TO IMPLEMENT,
DEVELOP, AND REGULATE ARTIFICIAL INTELLIGENCE IN THE STATE.

1   WHEREAS, artificial intelligence is on track to be one of
2 history's most impactful scientific advances; and
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4   WHEREAS, artificial intelligence is intelligence
5 demonstrated by machines, wherein machines mimic human cognitive
6 functions like learning and problem solving; and
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8   WHEREAS, the benefits of artificial intelligence currently
9 outweigh its costs; and
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11   WHEREAS, advances in artificial intelligence are being used
12 to benefit fields as diverse as trucking, medical diagnosis, and
13 finance; and
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15   WHEREAS, however, many experts warn of artificial
16 intelligence's dangers, such as autonomous weapons, social
17 manipulation, and invasion of personal privacy; and
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19   WHEREAS, other states, like Vermont, have already created
20 groups to investigate and manage the impact of artificial
21 intelligence on their economies and state operations; and
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23   WHEREAS, Hawai'i should follow suit by examining the best
24 ways to integrate and approach artificial intelligence to
25 leverage its advantages and prepare against potential harm; now,
26 therefore,
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28   BE IT RESOLVED by the Senate of the Thirtieth Legislature
29 of the State of Hawaii, Regular Session of 2019, that the State
30 is requested to convene an artificial intelligence advisory
31 committee to investigate how to implement, develop, and regulate
32 artificial intelligence in the State; and
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1   BE IT FURTHER RESOLVED that the artificial intelligence
2 advisory committee be composed of the following:
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4   (1)   The Director of Business, Economic Development, and
5   Tourism, or the Director's designee;
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7   (2)   The Adjutant General, or the Adjutant General's
8   designee;
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10   (3)   The Chief Information Officer of the Office of
11   Enterprise Technology Services, or the Chief
12   Information Officer's designee;
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14   (4)   The Executive Director of the Hawaii Technology
15   Development Corporation, or the Executive Director's
16   designee;
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18   (5)   The Department Chair of the Information and Computer
19   Sciences Department at the University of Hawai'i at
20   Mānoa, or the Chair's designee;
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22   (6)   A representative from the United States Department of
23   Defense Joint Artificial Intelligence Center;
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25   (7)   Three experts currently engaged in artificial
26   intelligence research to be selected by the President
27   of the Senate;
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29   (8)   Three experts currently engaged in artificial
30   intelligence research to be selected by the Speaker of
31   the House of Representatives; and
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33   (9)   Other subject matter experts and stakeholders invited
34   by the advisory committee, as necessary, to enable the
35   advisory committee to carry out its work; and
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37   BE IT FURTHER RESOLVED that the artificial intelligence
38 advisory committee is requested to evaluate and make
39 recommendations on the following issues:
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41   (1)   Artificial intelligence applications currently used or
42   to be implemented in other states or countries;

(2)   Competitive advantages to be gained by Hawaiʻi by application of artificial intelligence in Hawaiʻi's economy and state government;

(3)   Potential dangers or unintended consequences of integrating artificial intelligence into state operations;

(4)   Methods of encouraging the research and development of artificial intelligence in the University of Hawaiʻi system and in private business in Hawaiʻi;

(5)   Potential regulatory systems, if any, that may be appropriate, necessary, and recommended in the State; and

(6)   Other relevant issues; and

BE IT FURTHER RESOLVED that the artificial intelligence advisory committee is requested to submit a report of its findings and recommendations, including any proposed legislation, to the Legislature no later than twenty days prior to the convening of the Regular Session of 2020; and

BE IT FURTHER RESOLVED that certified copies of this Resolution be transmitted to the United States Department of Defense Chief Information Officer; Director of Business, Economic Development, and Tourism; Adjutant General; Chief Information Officer of the Office of Enterprise Technology Services; Executive Director of the Hawaii Technology Development Corporation; and Department Chair of the Information and Computer Sciences Department at the University of Hawaiʻi at Mānoa.

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S.R. NO. 142