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## A BILL FOR AN ACT

RELATING TO ARTIFICIAL INTELLIGENCE TASK FORCE.

**BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:**

1           SECTION 1. The legislature finds that artificial  
2 intelligence is on track to be one of history's most impactful  
3 scientific advances. Artificial intelligence is intelligence  
4 demonstrated by machines, wherein machines mimic human cognitive  
5 functions like learning and problem solving. Other states, like  
6 Vermont, have already created groups to investigate and manage  
7 the impact of artificial intelligence on their economies and  
8 state operations. Hawaii should follow suit by examining the  
9 best ways to integrate and approach artificial intelligence to  
10 leverage its advantages and prepare against potential harm.

11           In 2018 alone, artificial intelligence has made major  
12 strides. Google Duplex, an artificial intelligence phone  
13 assistant, was judged by the Los Angeles times to almost  
14 flawlessly imitate human speech. Alibaba, a Chinese company,  
15 developed an artificial intelligence program that consistently  
16 outscores top humans in a Stanford University reading  
17 comprehension test. Last year, Google's AlphaGo Zero taught



1 itself chess and the traditional Chinese game "go", defeating  
2 human grandmasters at both games. Other developments in  
3 artificial intelligence include victories at complex competitive  
4 video games, recognizing differences between photographs, and  
5 self-driving cars navigating increasingly complex road  
6 conditions.

7 The benefits of artificial intelligence currently outweigh  
8 its costs. Advances in the science are being used to benefit  
9 fields as diverse as trucking and medical diagnosis. Artificial  
10 intelligence is also being applied to uses like fraud detection  
11 in finance, financial market modeling in economics, and accurate  
12 weapons and threat-detection systems in the military. Further,  
13 artificial intelligence research and application is a quickly  
14 growing industry. Market analysts predict that the industry  
15 value will exceed \$1.2 trillion in 2018.

16 Many experts, however, warn of artificial intelligence's  
17 dangers. Threats like autonomous weapons, social manipulation,  
18 invasions of personal privacy like China's social credit system,  
19 and the potential for science-fiction like violent conflict  
20 between man and machine are seen by some as inevitable. Because  
21 of the high-risk, high-reward nature of artificial intelligence,



1 Hawaii should explore the uses and advantages of artificial  
2 intelligence to determine its suitability for uses in Hawaii's  
3 economy, government, and how the state can defend against  
4 artificial intelligence's potential threats.

5 The purpose of this Act is to create the artificial  
6 intelligence working group.

7 SECTION 2. (a) There is established the artificial  
8 intelligence working group to address advantages and  
9 disadvantages of applied artificial intelligence to Hawaii's  
10 economy and government operations. The working group shall  
11 evaluate and make recommendations on the following issues:

- 12 (1) Artificial intelligence applications currently used or  
13 to be implemented in other states or countries;
- 14 (2) Competitive advantages to be gained by Hawaii by  
15 application of artificial intelligence in Hawaii's  
16 economy and state government;
- 17 (3) Potential dangers or unintended consequences of  
18 integrating artificial intelligence into state  
19 operations;



- 1           (4) Methods of encouraging the research and development of  
2           artificial intelligence in the University of Hawaii  
3           system and in private business in Hawaii; and
- 4           (5) Other relevant issues that may arise, at the  
5           discretion of the working group.
- 6           (b) The working group shall consist of the following  
7 members:
- 8           (1) The chairs of the senate committee on commerce,  
9           consumer protection, and health and the house  
10          committee on the consumer protection and commerce, or  
11          their designees, who shall serve as the chairs of the  
12          working group;
- 13          (2) The chair of the house committee on economic  
14          development and business;
- 15          (3) A member of the senate who is selected by the  
16          president of the senate to serve on the working group;
- 17          (4) The director of business, economic development, and  
18          tourism or their designee;
- 19          (5) The department chair of university of Hawaii at Manoa  
20          information and computer sciences department or their  
21          designee;



1           (6) Two individuals currently engaged in artificial  
2           intelligence research at a private company with  
3           majority Hawaii resident ownership;

4           (c) The working group shall be officially convened no at  
5           the pleasure of the chairs of the working group, but no later  
6           than August 1, 2019.

7           (d) The working group may request assistance and feedback  
8           from subject matter experts and other stakeholders, as needed,  
9           to enable the working group to carry out its work.

10          (e) The working group shall provide periodic updates to  
11          the legislature and shall make recommendations for any  
12          legislative or administrative action the working group deems  
13          appropriate to address issues surrounding artificial  
14          intelligence. The working group shall submit a final report,  
15          including recommendations for further action, to the legislature  
16          no later than twenty days prior to the convening of the regular  
17          session of 2020.

18          (f) The legislative reference bureau is requested to  
19          provide assistance, including research and drafting, to the  
20          working group.

21          SECTION 3. This Act shall take effect upon its approval.



INTRODUCED BY:

[Signature]

Fida R Cabanilla

S. Q.

Richard

Amy Russo

J. White

Frank Tagawa

R. Mc

Frank S. King

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# H.B. NO. 1185

**Report Title:**

Artificial Intelligence Task Force

**Description:**

Creates a legislative task force to investigate the application and the accompanying advantages and disadvantages of applying artificial intelligence to Hawaii's economy and government operations.

*The summary description of legislation appearing on this page is for informational purposes only and is not legislation or evidence of legislative intent.*

