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H.378

Introduced by Representative Cina of Burlington

Referred to Committee on

Date:

Subject: Executive; Governor; Artificial Intelligence Commission

Statement of purpose of bill as introduced: This bill proposes to create the Artificial Intelligence Commission to support the development of artificial intelligence in the State.

An act relating to the ~~creation of the Artificial Intelligence Commission~~
creation of the Artificial Intelligence Task Force

It is hereby enacted by the General Assembly of the State of Vermont:

~~Sec. 1. 3 V.S.A. § 24 is added to read:~~

§ 24. ARTIFICIAL INTELLIGENCE COMMISSION

(a) Definition. As used in this section, “artificial intelligence” means any technology capable of simulating human consciousness or that exhibits conscious thought.

(b) Creation. There is created an independent commission named the Artificial Intelligence Commission to investigate the field of artificial intelligence and make recommendations to promote the responsible growth of Vermont’s emerging technology markets.

1 (c) Membership

2 (1) The Commission shall be composed of the following nine members:

3 (A) a chair of the Commission who shall be appointed by the Chief
4 Justice of the Supreme Court;

5 (B) the Secretary of Human Services or his or her designee;

6 (C) the Commissioner of Information and Innovation or his or her
7 designee;

8 (D) one computer scientist who specializes in neuroscience, who
9 shall be appointed by the Vermont Technical College;

10 (E) one ethics attorney, who shall be appointed by the Vermont Bar
11 Association;

12 (F) one member, who shall be appointed by the Vermont affiliate of
13 the American Civil Liberties Union;

14 (G) one psychologist, who shall be appointed by the Vermont
15 Psychiatric Association;

16 (H) one social worker with experience in the field of human rights,
17 who shall be appointed by the University of Vermont College of Education and
18 Social Services; and

19 (I) one member, who shall be appointed by the Vermont Society of
20 Engineers;

21 (2)(A) A member shall serve a term of four years and until a successor

1 is appointed. A term shall begin on January 1 of the year of appointment and
2 run through December 31 of the last year of the term. Terms of members shall
3 be staggered so that not all terms expire at the same time.

4 (B) A vacancy created before the expiration of a term shall be filled
5 in the same manner as the original appointment for the unexpired portion of
6 the term.

7 (C) A member shall not serve more than two consecutive terms. A
8 member appointed to fill a vacancy created before the expiration of a term
9 shall not be deemed to have served a term for the purpose of this
10 subdivision (C).

11 (d) Meetings. Meetings of the Commission may be called by the Chair.

12 (e) Quorum. Six members shall constitute a quorum of the Commission.
13 Once a quorum has been established, the vote of a majority of the members
14 present at the time of the vote shall be an act of the Commission.

15 (f) Staff services. The Commission shall be entitled to staff services of the
16 Agency of Human Services.

17 (g) Reimbursement. Members of the Commission who are not employees
18 of the State of Vermont and who are not otherwise compensated or reimbursed
19 for their attendance shall be entitled to compensation and expenses as provided
20 in 32 V.S.A. § 1010. Payment to the members shall be from the appropriation
21 to the Agency of Human Services.

1 ~~(b) Studies. The Commission shall conduct studies of matters concerning:~~

2 ~~(1) how to allocate rights and duties among human beings and artificial~~
3 ~~intelligence entities when robots or other artificial intelligence entities create~~
4 ~~benefits; and~~

5 ~~(2) how artificial intelligence entities could be used in State~~
6 ~~government, including an analysis of the fiscal impact, if any, on the State.~~

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8 Sec. 2. REPORT OF ARTIFICIAL INTELLIGENCE COMMISSION; FIRST
9 MEETING

10 (a) The Artificial Intelligence Commission shall have its first meeting on
11 or before August 1, 2017.

12 (b) On or before February 15, 2018, the Commission shall issue a report to
13 the House Committees on Energy and Technology, on Human Services, and on
14 Judiciary, including:

15 (1) a proposal for a code of ethics for the development of artificial
16 intelligence;

17 (2) a proposal for a test or other method to determine whether an
18 artificial intelligence entity has achieved consciousness;

19 (3) a proposal for how the State could promote the ethical development
20 of artificial intelligence, including an analysis of the potential risks and
21 benefits of such development, and

1 ~~(4) a proposal for how the State could support the development of~~
2 ~~artificial intelligence entities, integrate artificial intelligence into education,~~
3 ~~and provide incentives to support artificial intelligence businesses within the~~
4 ~~State.~~

5 Sec. 3. EFFECTIVE DATE

6 ~~This act shall take effect on July 1, 2017.~~

Sec. 1. ARTIFICIAL INTELLIGENCE TASK FORCE; REPORT

(a) Creation. There is created the Artificial Intelligence Task Force to:

(1) investigate the field of artificial intelligence; and

*(2) make recommendations on the responsible growth of Vermont's
emerging technology markets, use of artificial intelligence in State
government, and State regulation of the artificial intelligence field.*

*(b) Definition. As used in this section, "artificial intelligence" means
models and systems performing functions generally associated with human
intelligence, such as reasoning and learning.*

*(c) Membership. The Task Force shall be composed of the following six
members:*

*(1) a chair of the Task Force, with expertise in ethics of technology, who
shall be appointed by the Chief Justice of the Supreme Court;*

(2) the Secretary of Digital Services or designee;

~~*(3) the Secretary of Commerce and Community Development or*~~

designees:

(4) one computer scientist who specializes in artificial intelligence, who shall be appointed by the President of the University of Vermont and State Agricultural College;

(5) one social worker with experience in the field of ethics and human rights, who shall be appointed by the Vermont chapter of the National Association of Social Workers; and

(6) one member, who shall be appointed by the Vermont Society of Engineers.

(d) Powers and duties. The Task Force shall study the field of artificial intelligence, including the following:

(1) an assessment of the development and use of artificial intelligence technology, including benefits and risks;

(2) whether and how to use artificial intelligence in State government, including an analysis of the fiscal impact, if any, on the State; and

(3) whether State regulation of the artificial intelligence field is needed.

(e) Meetings.

(1) The Chair shall call the first meeting of the Task Force to occur on or before August 1, 2018.

(2) The Task Force shall meet not more than 10 times and shall cease to exist on June 30, 2019.

~~(f) Quorum. Four members shall constitute a quorum of the Task Force.~~

~~(g) Staff services. The Task Force shall be entitled to staff services of the Agency of Commerce and Community Development.~~

~~(h) Report. On or before February 15, 2019, the Task Force shall issue a report to the Senate Committee on Finance and the House Committee on Energy and Technology that shall include:~~

~~(1) a summary of the development and current use of artificial intelligence in Vermont;~~

~~(2) a proposal for a definition of artificial intelligence, if needed;~~

~~(3) a proposal for State regulation of artificial intelligence, if needed;~~

~~(4) a proposal for the responsible and ethical development of artificial intelligence in the State, including an identification of the potential risks and benefits of such development; and~~

~~(5) a recommendation on whether the General Assembly should establish a permanent commission to study the artificial intelligence field.~~

~~(i) The report described in subsection (h) of this section shall be submitted electronically to the Senate Committee on Finance and the House Committee on Energy and Technology, unless otherwise requested.~~

Sec. 2. EFFECTIVE DATE

~~This act shall take effect on July 1, 2018.~~

Sec. 1. ARTIFICIAL INTELLIGENCE TASK FORCE; REPORT

(a) Creation. There is created the Artificial Intelligence Task Force to:

(1) investigate the field of artificial intelligence; and

(2) make recommendations on the responsible growth of Vermont's emerging technology markets, the use of artificial intelligence in State government, and State regulation of the artificial intelligence field.

(b) Definition. As used in this section, "artificial intelligence" means models and systems performing functions generally associated with human intelligence, such as reasoning and learning.

(c) Membership. The Task Force shall be composed of the following 14 members:

(1) the Secretary of Commerce and Community Development or designee;

(2) the Secretary of Digital Services or designee;

(3) the Commissioner of Public Safety or designee;

(4) the Secretary of Transportation or designee;

(5) one member to represent the interests of workers appointed by the President of the Vermont State Labor Council, AFL-CIO;

(6) the Executive Director of the American Civil Liberties Union of Vermont or designee;

(7) one member appointed by the Chief Justice of the Supreme Court;

(8) two members who are academics at a postsecondary institute, with

one appointed by the Speaker and one appointed by the Committee on Committees;

(9) one member with experience in the field of ethics and human rights, appointed by the Vermont chapter of the National Association of Social Workers;

(10) one member appointed by the Vermont Society of Engineers;

(11) one member appointed by the Vermont Academy of Science and Engineering;

(12) one member who is a secondary or postsecondary student in Vermont, appointed by the Governor; and

(13) one member appointed by the Vermont Medical Society.

(d) Powers and duties. The Task Force shall study the field of artificial intelligence, including the following:

(1) an assessment of the development and use of artificial intelligence technology, including benefits and risks;

(2) whether and how to use artificial intelligence in State government, including an analysis of the fiscal impact, if any, on the State; and

(3) whether State regulation of the artificial intelligence field is needed.

(e) Meetings.

(1) The Secretary of Commerce and Community Development or designee shall call the first meeting of the Task Force to occur on or before

October 1, 2018.

(2) The Task Force shall select a chair from among its members at the first meeting.

(3) The Task Force shall meet not more than 10 times and shall cease to exist on June 30, 2019.

(f) Quorum. A majority of membership shall constitute a quorum of the Task Force.

(g) Staff services. The Task Force shall be entitled to staff services of the Agency of Commerce and Community Development.

(h) Reports. On or before February 15, 2019, the Task Force shall submit an update to the Senate Committee on Government Operations and the House Committee on Energy and Technology. On or before June 30, 2019, the Task Force shall submit a final report to the Senate Committee on Government Operations and the House Committee on Energy and Technology that shall include:

(1) a summary of the development and current use of artificial intelligence in Vermont;

(2) a proposal for a definition of artificial intelligence, if needed;

(3) a proposal for State regulation of artificial intelligence, if needed;

(4) a proposal for the responsible and ethical development of artificial intelligence in the State, including an identification of the potential risks and

benefits of such development; and

(5) a recommendation on whether the General Assembly should establish a permanent commission to study the artificial intelligence field.

(i) The update and report described in subsection (h) of this section shall be submitted electronically to the Senate Committee on Government Operations and the House Committee on Energy and Technology, unless otherwise requested.

Sec. 2. EFFECTIVE DATE

This act shall take effect on July 1, 2018.