

117TH CONGRESS
2D SESSION

H. R. 6553

To promote a 21st century artificial intelligence workforce.

IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 1, 2022

Mr. SOTO (for himself and Mr. KRISHNAMOORTHY) introduced the following bill; which was referred to the Committee on Education and Labor

A BILL

To promote a 21st century artificial intelligence workforce.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Artificial Intelligence
5 Job Opportunities and Background Summary Act of
6 2022” or the “AI JOBS Act of 2022”.

7 **SEC. 2. SENSE OF CONGRESS.**

8 It is the sense of Congress that technology can im-
9 prove the lives of individuals, but can also disrupt jobs,
10 and for this reason, innovation should be encouraged while
11 training and retraining American workers for the 21st
12 century economy.

1 **SEC. 3. REPORT ON ARTIFICIAL INTELLIGENCE.**

2 (a) REPORT REQUIREMENTS.—Not later than 1 year
3 after the date of the enactment of this Act, the Secretary
4 of Labor, in collaboration with the individuals and entities
5 described in subsection (b), shall prepare and submit to
6 the Committee on Education and Labor of the House of
7 Representatives and the Committee on Health, Education,
8 Labor, and Pensions of the Senate, a report on artificial
9 intelligence and its impact on the workforce, which shall
10 include the following:

11 (1) Outline the specific data, and the avail-
12 ability of such data, necessary to properly analyze
13 the impact and growth of artificial intelligence.

14 (2) Identification of industries that are pro-
15 jected to have the most growth in artificial intel-
16 ligence use, and whether the technology will result in
17 the enhancement of workers' capabilities or their re-
18 placement.

19 (3) Analysis of the expertise and education (in-
20 cluding computer science literacy) needed to develop,
21 operate, or work alongside artificial intelligence over
22 the next two decades, as compared to the levels of
23 such expertise and education among the workforce
24 as of the date of enactment of this Act.

25 (4) Analysis of which demographics (including
26 ethnic, gender, economic, age, and regional) may ex-

1 perience expanded career opportunities, and which
2 such demographics may be vulnerable to career dis-
3 placement, due to artificial intelligence.

4 (5) Any recommendations to alleviate workforce
5 displacement, prepare future workforce members for
6 the artificial-intelligence economy, and any other rel-
7 evant observations or recommendations within the
8 field of artificial intelligence.

9 (b) COLLABORATION.—In preparing the report under
10 subsection (a), the Secretary of Labor shall collaborate,
11 through a series of public meetings, roundtables or other
12 methods, with—

13 (1) local educational agencies, institutions of
14 higher education (including community colleges),
15 workforce-training organizations, and National Lab-
16 oratories;

17 (2) a broad range of industrial stakeholders in
18 the technology, manufacturing, and service sectors,
19 including companies (large and small), think tanks,
20 and industry organizations;

21 (3) the National Academies of Science, includ-
22 ing by sharing relevant information obtained as a re-
23 sult of the study conducted under section 5105 of
24 the National Artificial Intelligence Initiative Act of
25 2020; and

1 (4) the Secretary of Commerce, the National
2 Science Foundation, and the heads of any other
3 Federal agency the Secretary of Labor determines
4 appropriate.

5 **SEC. 4. DEFINITIONS.**

6 In this Act:

7 (1) **ARTIFICIAL INTELLIGENCE.**—The term “ar-
8 tificial intelligence” has the meaning given the term
9 in section 5002 of the National Artificial Intelligence
10 Initiative Act of 2020 (15 U.S.C. 9401).

11 (2) **COMMUNITY COLLEGE.**—The term “commu-
12 nity college” has the meaning given the term “junior
13 or community college” in section 312(f) of the High-
14 er Education Act of 1965 (20 U.S.C. 1058(f)).

15 (3) **INSTITUTION OF HIGHER EDUCATION.**—The
16 term “institution of higher education” has the
17 meaning given the term in section 102 of the Higher
18 Education Act of 1965 (20 U.S.C. 1002).

19 (4) **LOCAL EDUCATIONAL AGENCY.**—The term
20 “local educational agency” has the meaning given
21 the term in section 8101 of the Elementary and Sec-
22 ondary Education Act of 1965 (20 U.S.C. 7801).

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