

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).

○