ADVANCING ARTIFICIAL INTELLIGENCE EDUCATION FOR AMERICAN YOUTH

Executive Orders

April 23, 2025

States of America, it is hereby ordered: <u>Section 1</u>. <u>Background</u>. Artificial intelligence (AI) is rapidly transforming the modern world,

By the authority vested in me as President by the Constitution and the laws of the United

driving innovation across industries, enhancing productivity, and reshaping the way we live and work. To ensure the United States remains a global leader in this technological revolution, we must provide our Nation's youth with opportunities to cultivate the skills and understanding necessary to use and create the next generation of AI technology. By fostering Al competency, we will equip our students with the foundational knowledge and skills necessary to adapt to and thrive in an increasingly digital society. Early learning and exposure to Al concepts not only demystifies this powerful technology but also sparks curiosity and creativity, preparing students to become active and responsible participants in the workforce of the future and nurturing the next generation of American Al innovators to propel our Nation to new heights of scientific and economic achievement. To achieve this vision, we must also invest in our educators and equip them with the tools

and knowledge to not only train students about AI, but also to utilize AI in their classrooms to improve educational outcomes. Professional development programs focused on Al education will empower educators to confidently guide students through this complex and evolving field. Educators, industry leaders, and employers who rely on an Al-skilled workforce should partner to create educational programs that equip students with essential Al skills and competencies across all learning pathways. While Al education in kindergarten through twelfth grade (K-12) is critical, our Nation must also make resources available for lifelong learners to develop new skills for a changing workforce. By establishing a strong framework that integrates early student exposure with comprehensive teacher training and other resources for workforce development, we can ensure that every American has the opportunity to learn about AI from the earliest stages of their educational journey through postsecondary education, fostering a culture of innovation and critical thinking that will solidify our Nation's leadership in the Al-driven future. Sec. 2. Policy. It is the policy of the United States to promote Al literacy and proficiency

comprehensive Al training for educators, and fostering early exposure to Al concepts and technology to develop an Al-ready workforce and the next generation of American Al innovators. Sec. 3. Definition. For the purposes of this order, "artificial intelligence" or "AI" has the meaning set forth in 15 U.S.C. 9401(3).

Sec. 4. Establishing an Artificial Intelligence Education Task Force. (a) There is hereby

established the White House Task Force on Artificial Intelligence Education (Task Force).

(b) The Director of the Office of Science and Technology Policy shall be the Chair of the

among Americans by promoting the appropriate integration of Al into education, providing

Task Force.

(c) The Task Force membership shall consist of the following members: the Secretary of Agriculture; the Secretary of Labor;

- (iii) the Secretary of Energy;
- the Secretary of Education;
- the Director of the National Science Foundation (NSF);
- the Assistant to the President for Domestic Policy;
- (vii) the Special Advisor for AI & Crypto; (viii) the Assistant to the President for Policy; and
- the heads of other such executive departments and agencies (agencies) and offices that the Chair may designate or invite to participate.
- (d) The Task Force shall be responsible for implementing the policy stated in section 2 of this order and coordinating Federal efforts related to Al education, including the actions

applications, encouraging interdisciplinary exploration.

private partnerships on a rolling basis as they are formed.

educational agencies to improve Al education.

- outlined in this order.
- Sec. 5. Establishing the Presidential Artificial Intelligence Challenge. (a) Within 90 days of the date of this order, the Task Force shall establish plans for a Presidential Artificial Intelligence Challenge (Challenge), and the agencies represented on the Task Force shall, as

appropriate and consistent with applicable law, implement the plans by holding the

Challenge no later than 12 months from the submission of the plan. The Challenge shall encourage and highlight student and educator achievements in AI, promote wide geographic adoption of technological advancement, and foster collaboration between government, academia, philanthropy, and industry to address national challenges with Al solutions. (b) The Challenge shall feature multiple age categories, distinct geographic regions for competition, and a variety of topical themes of competition to reflect the breadth of Al

(c) The Task Force and, as appropriate, agencies represented on the Task Force shall collaborate with relevant agencies and private sector entities to provide technical expertise, resources, and promotional support for implementing the Challenge, including through existing funding vehicles.

Sec. 6. Improving Education Through Artificial Intelligence. (a) To provide resources for K-12 Al education, agencies represented on the Task Force shall seek to establish publicprivate partnerships with leading AI industry organizations, academic institutions, nonprofit entities, and other organizations with expertise in AI and computer science education to collaboratively develop online resources focused on teaching K-12 students foundational Al literacy and critical thinking skills. The Task Force shall promptly announce such public-

(i) The Task Force shall seek to utilize industry commitments and identify any Federal funding mechanisms, including discretionary grants, that can be used to provide resources for K-12 AI education. To the extent practicable and as consistent with applicable law, agencies shall prioritize funding for such purposes when it would further the aims of the program for which funding is available. (ii) The Task Force shall work to ensure the resources funded as described in subsection (i)

formal announcement of the first slate of public-private partnerships. (b) Within 90 days of the date of this order, the Task Force shall identify existing Federal Al resources on which agencies may rely, such as the NSF- and Department of Agriculturesponsored National Al Research Institutes, to support partnerships with State and local

of this section are ready for use in K-12 instruction within 180 days following the Task Force's

(c) Within 90 days of the date of this order, the Secretary of Education shall issue guidance regarding the use of formula and discretionary grant funds to improve education outcomes using AI, including but not limited to AI-based high-quality instructional resources; highimpact tutoring; and college and career pathway exploration, advising, and navigation.

(d) Within 90 days of the date of this order, the Secretary of Education shall identify and

implement ways to utilize existing research programs to assist State and local efforts to use

Al for improved student achievement, attainment, and mobility. Sec. 7. Enhancing Training for Educators on Artificial Intelligence. (a) Within 120 days of the date of this order, the Secretary of Education shall take steps to prioritize the use of Al in discretionary grant programs for teacher training authorized by the Elementary and Secondary Education Act of 1965 (Public Law 89-10), as amended, and Title II of the Higher

Education Act of 1965 (Public Law 89-329), as amended, including for:

(iv) providing professional development in foundational computer science and Al, preparing educators to effectively teach Al in stand-alone computer science and other relevant courses.

(i) reducing time-intensive administrative tasks;

(ii) improving teacher training and evaluation;

fundamentals of Al into all subject areas; and

(b) Within 120 days of the date of this order, the Director of the NSF shall take steps to prioritize research on the use of AI in education. The Director of the NSF shall also utilize

existing programs to create teacher training opportunities that help educators effectively

education through 4-H and the Cooperative Extension System. The Secretary of Agriculture

shall also utilize existing programs to create teacher and educator training opportunities that

(iii) providing professional development for all educators, so they can integrate the

integrate Al-based tools and modalities in classrooms. (c) Within 120 days of the date of this order, the Secretary of Agriculture shall take steps to prioritize research, extension, and education on the use of Al in formal and non-formal

help effectively integrate Al-based tools and modalities into classrooms and curriculum. Sec. 8. Promoting Registered Apprenticeships. (a) Within 120 days of the date of this order, the Secretary of Labor shall seek to increase participation in Al-related Registered Apprenticeships, including by:

(i) Prioritizing the development and growth of Registered Apprenticeships in Al-related

occupations. The Secretary of Labor shall establish specific goals for growing Registered

(ii) Using apprenticeship intermediary contracts and allocating existing discretionary funds,

Apprenticeships in Al-related occupations across industries; and

employers and facilitate the development of Registered Apprenticeship programs in Alrelated occupations. In doing so, the Secretary of Labor shall support the creation of industry-developed program standards to be registered on a nationwide basis, enabling

individual employers to adopt the standards without requiring individual registry.

as appropriate and consistent with applicable law, to engage industry organizations and

(b) Within 120 days of the date of this order, the Secretary of Labor shall encourage States and grantees to use funding provided under the Workforce Innovation and Opportunity Act (WIOA) (Public Law 113-128), as amended, to develop Al skills and support work-based learning opportunities within occupations utilizing AI by: (i) issuing guidance to State and local workforce development boards encouraging the use of WIOA youth formula funds to help youth develop Al skills; (ii) clarifying that States can use Governor set-asides to integrate Al learning opportunities into youth programs across the State; and (iii) consistent with applicable law, establishing Al skills training and work-based learning as

Secretary of Labor for Employment and Training, and in collaboration with the Director of the NSF, shall engage with relevant State and local workforce development boards, industry organizations, education and training providers, and employers to identify and promote high-quality Al skills education coursework and certifications across the country. Through

a grant priority in all Employment and Training Administration youth-focused discretionary

(c) Within 120 days of the date of this order, the Secretary of Labor, through the Assistant

coursework and certifications; (ii) set performance targets for youth participation through any grants awarded for this purpose; and (iii) utilize industry and philanthropic partnerships to the extent practicable.

Education and the Director of the NSF, the Secretary of Labor shall support the creation of

opportunities for high school students to take AI courses and certification programs by

giving priority consideration in awarding grants as appropriate and consistent with

(d) Within 120 days of the date of this order, and in consultation with the Secretary of

(i) identify applicable funding opportunities to expand access to high-quality Al

applicable law to providers that commit to use funds to develop or expand Al courses and certification programs. The Secretary of Labor and the Secretary of Education shall encourage recipients to build partnerships with States and local school districts to encourage those entities to consider offering high school students dual enrollment opportunities to take courses to earn postsecondary credentials and industry-recognized Al credentials concurrent with high school education.

shall, as appropriate and consistent with applicable law, consider Al as a priority area within existing Federal fellowship and scholarship for service programs. Sec. 9. General Provisions. (a) Nothing in this order shall be construed to impair or

(e) Within 120 days of the date of this order, all agencies that provide educational grants

otherwise affect: (i) the authority granted by law to an executive department or agency, or the head thereof; or

(ii) the functions of the Director of the Office of Management and Budget relating to

budgetary, administrative, or legislative proposals. (b) This order shall be implemented consistent with applicable law and subject to the availability of appropriations.

procedural, enforceable at law or in equity by any party against the United States, its departments, agencies, or entities, its officers, employees, or agents, or any other person.

(c) This order is not intended to, and does not, create any right or benefit, substantive or

DONALD J. TRUMP THE WHITE HOUSE,

April 23, 2025.

VISIT

grant programs.

such engagement, the Secretary of Labor shall:

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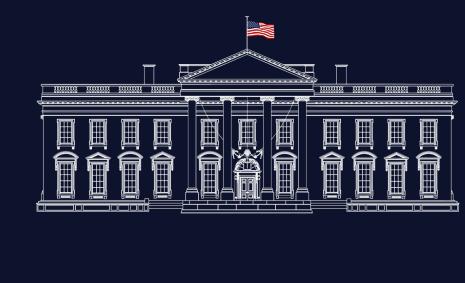
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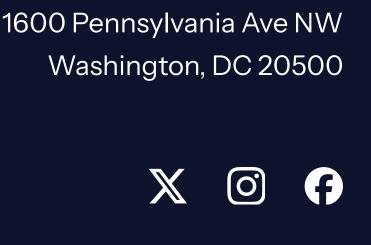
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↑ Back to top