

## I. Introduction

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| A. Introductory statement         | Vivian and I, affirm the resolution<br>Resolved: In the United States, the<br>benefits of the use of generative<br>artificial intelligence in education<br>outweigh the harms   |
| B. Stance on Case (AFF or<br>NEG) | AFF   |
| C. Resolution                     | Resolved: In the United States, the<br>benefits of the use of generative<br>artificial intelligence in education<br>outweigh the harms  |
| D. Definitions                    |   |
| a. Word 1                         | Generative Artificial Intelligence  |
| i. Source                         | <a href="#">Cornell</a>   |
| ii. Definition                    | Generative artificial intelligence is a<br>subset of AI that utilizes machine learning<br>models to create new, original content,<br>such as images, text, or music, based on<br>patterns and structures learned from<br>existing data. A prominent model type<br>used by generative AI is the large<br>language model (LLM). |
| b. Word 2                         | Education   |
| i. Source                         | <a href="#">Union of International Associations</a>   |
| ii. Definition                    | Education is the transmission of<br>knowledge, skills, and character traits<br>and manifests in various forms.  |
| E. Framework                      | Cost-Benefit Analysis   |
| F. Observation                    | N/A   |

## II. Contention 1 Title

Innovation

A. Claim	Gen AI is needed for big tech inno
B. Warrant	Gen AI enhances big tech -> increased innovation = economic output ?
C. Data	
a. Card 1	
i. Tag	Gen AI enhances the improvements of innovations of big tech
ii. Summary	Gen AI paves the way for next tech for big tech
iii. MLA Citation	Garnick, Coral. "Big Tech's AI Spend: Fuel for the Startups That Will Shape the Future." <i>Madrona</i> , 13 Sept. 2024, <a href="http://www.madrona.com/thank-you-big-tech/">www.madrona.com/thank-you-big-tech/</a> .
b. Card 2	
i. Tag	Preparing Students to Join the AI Workforce
ii. Summary	Explore how educators can prepare their students for a workforce impacted by artificial intelligence; connect that AI is the future of jobs, leading to AI education being needed.
iii. MLA Citation	AVID. "Preparing Students to Join the AI Workforce." AVID Open Access, 4 Dec. 2023, <a href="http://avidopenaccess.org/resource/preparing-students-to-join-the-ai-workforce/">avidopenaccess.org/resource/preparing-students-to-join-the-ai-workforce/</a> .
D. Impact	Promotion of the use of AI in educative environments, leads to increased labor force with AI experience, resulting in a net gain in jobs, increased adoption of new and frontier technologies and broadening digital access, thus increasing economic efficiency and output.

III.	Contention 2 Title	Shortens Education Gap
	A. Claim	Gen AI improves education, shortens the gap
	B. Warrant	Gen AI personalizes/enhances learning -> edu gap lowered = quality edu
	C. Data	
	a. Card 1	
	i. Tag	Gen AI increases economic output and lowers the education gap
	ii. Summary	Reduce edu gap by 20%, brings 348.51 bil into econ by 2030
	iii. MLA Citation	"The AI Frontier in Academia: Students Embrace, Professors Pause." <i>Higher Ed Dive</i> , 6 Feb. 2024, <a href="http://www.highereddive.com/press-release/20240205-the-ai-frontier-in-academia-students-embrace-professors-pause/">www.highereddive.com/press-release/20240205-the-ai-frontier-in-academia-students-embrace-professors-pause/</a> .
	b. Card 2	
	i. Tag	How will AI Impact Racial Disparities in Education?
	ii. Summary	AI reduces educational gaps between students from different races and low socioeconomic background
	iii. MLA Citation	Pham 24, JSLS, et al. "How Will AI Impact Racial Disparities in Education?" Stanford Law School, <a href="http://law.stanford.edu/2024/06/29/how-will-ai-impact-racial-disparities-in-education/">law.stanford.edu/2024/06/29/how-will-ai-impact-racial-disparities-in-education/</a> .
	D. Impact	<a href="#">Because</a> of the education gap, there is less money coming into the economy; which is changed in the aff world
IV.	Conclusion	
	A. Voters	

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|-------------------|----------------------------------|
| a. Voter 1        | Increases innovation             |
| b. Voter 2        | Increases economic output        |
| c. Voter 2        | Decreases educational gap        |
| B. Ask for Ballot | I urge for an affirmative ballot |

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