



Ricursive Intelligence Secures \$335 Million in Four Months

Description

Anna Goldie, CEO, and Azalia Mirhoseini, CTO, have established themselves as influential figures in the artificial intelligence (AI) sector through their startup, Ricursive Intelligence. The duo, previously affiliated with Google Brain and Anthropic, recently secured \$300 million in a Series A funding round, significantly elevating the company's valuation to \$4 billion. This financial backing highlights the rapid growth and potential of their venture, following a \$35 million seed round just months earlier.

Ricursive's primary focus is the development of AI tools for chip design, distinguishing them from other entrants in the AI chip market. They do not aim to compete directly with major GPU manufacturers like Nvidia; instead, they target these firms as potential customers. Goldie stated that their mission is to facilitate the design of various types of chips through automation and artificial intelligence.

Goldie and Mirhoseini's collaboration began at Stanford University, where Goldie completed her PhD while Mirhoseini taught computer science. Their close professional relationship has been evident throughout their careers, as they have consistently embarked on projects together at several companies, including Google and Anthropic.

Their groundbreaking work on the Alpha Chip at Google showcased the capability of AI to revolutionise chip design, reducing the time required for layouts from over a year to mere hours. This approach uses a learning mechanism that enhances the AI's performance with each completed design. As a result, the technology promises to streamline future chip designs, enabling rapid advancements in AI.

Ricursive aims to further develop this technology, envisioning a future where AI systems can autonomously design their own hardware, thereby enhancing operational efficiency. The founders argue that optimised chip design represents a crucial step towards achieving sustainability in AI growth. As Ricursive's platform evolves, it could significantly impact the trajectory of AI development in the coming years.

Vocabulary List:

1. **Automatic** /ˌɔː.tə'mæt.ɪk/ (adjective): Functioning with little or no human intervention.
2. **Valuation** /ˌvælju'eɪ.ʃən/ (noun): The process of determining the current worth of an asset or company.
3. **Collaboration** /kə,læbə'reɪʃən/ (noun): The action of working with someone to produce or create something.
4. **Revolutionise** /ˌrevə'lʊ:ʃənɪz/ (verb): To change something radically or fundamentally.
5. **Enhance** /ɪn'hɑːns/ (verb): To improve the quality value or extent of something.
6. **Sustainability** /sə'steɪ.nə'bɪl.ɪ.ti/ (noun): The ability to be maintained at a certain rate or level.



Comprehension Questions

Multiple Choice

1. What is the primary focus of Rrecursive Intelligence in the AI sector?
Option: Chip design tools development
Option: AI software development
Option: Hardware manufacturing
Option: Data analytics services
2. Who are the founders of Rrecursive Intelligence?
Option: Anna Goldie and Azalia Mirhoseini
Option: Bill Gates and Mark Zuckerberg
Option: Elon Musk and Jeff Bezos
Option: Tim Cook and Sundar Pichai
3. Where did Goldie and Mirhoseini collaborate for the first time?
Option: Google
Option: Anthropic
Option: Stanford University
Option: Apple
4. What did the founders aim to achieve by reducing the time required for chip designs?
Option: Mere hours
Option: One year
Option: Several months
Option: One week
5. What is the estimated valuation of Rrecursive Intelligence after the Series A funding round?
Option: \$4 billion
Option: \$500 million
Option: \$100 million
Option: \$1 billion
6. What role does Rrecursive play in relation to major GPU manufacturers like Nvidia?
Option: Target them as potential customers



- Option: Compete directly with them
- Option: Collaborate on projects
- Option: Ignore their existence

True-False

- 7. Goldie completed her PhD at Anthropic.
- 8. Rrecursive Intelligence focuses on AI software development.
- 9. Their work on the Alpha Chip aimed to slow down chip design processes.
- 10. Rrecursive aims to have AI systems autonomously design their own hardware.
- 11. Goldie and Mirhoseini have consistently worked together at different companies.
- 12. The founders believe optimized chip design is essential for AI growth sustainability.

Gap-Fill

- 13. Goldie completed her PhD at _____ University.
- 14. Rrecursive recently secured \$ _____ million in a Series A funding round.
- 15. The time required for chip layouts reduced from over a year to mere _____.
- 16. Rrecursive does not aim to compete directly with major GPU manufacturers but target them as potential _____.
- 17. Rrecursive aims to enhance operational efficiency by having AI systems autonomously design their own _____.
- 18. The founders believe optimized chip design is crucial for achieving sustainability in AI _____.



Answer

Multiple Choice: 1. Chip design tools development 2. Anna Goldie and Azalia Mirhoseini 3. Stanford University 4. Mere hours 5. \$4 billion 6. Target them as potential customers

True-False: 7. False 8. False 9. False 10. True 11. True 12. True

Gap-Fill: 13. Stanford 14. 300 15. hours 16. customers 17. hardware 18. growth

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. What type of system can operate independently without human intervention?

Option: Manual

Option: Semi-automatic

Option: Automated

Option: Mechanical

2. What concept focuses on meeting the needs of the present without compromising the ability of future generations to meet their own needs?

Option: Profitability

Option: Environmentalism

Option: Sustainability

Option: Innovation

3. Which speed range is classified as faster than supersonic?

Option: Subsonic

Option: Transonic

Option: Hypersonic

Option: Ultrasonic

4. What term describes the repetition of a process or cycle?

Option: Integration

Option: Iteration

Option: Innovation

Option: Inspection

5. What word means to improve the quality or value of something?

Option: Decay

Option: Diminish

Option: Enhance



Option: Destroy

6. Which term refers to the appreciation of beauty or good taste?

- Option: Functional
- Option: Aesthetic
- Option: Practical
- Option: Utilitarian

7. What does it mean to change something radically or fundamentally?

- Option: Stabilize
- Option: Revolutionise
- Option: Standardize
- Option: Imitate

8. Which term describes something crucial important or essential to achieve a goal?

- Option: Superficial
- Option: Incidental
- Option: Instrumental
- Option: Insignificant

9. What term describes a general direction in which something is developing or changing?

- Option: Stability
- Option: Trend
- Option: Static
- Option: Regularity

10. Which field of science is concerned with the behavior of physical bodies when subjected to forces or displacements?

- Option: Biology
- Option: Chemistry
- Option: Physics
- Option: Mechanics

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. _____ involves individuals working together to achieve a common goal.

12. The _____ of the experiment results was confirmed through multiple trials.

13. The maze was designed to be _____ challenging participants to find their way out.

14. The artist _____ certain features of the sculpture to draw attention to its unique



aspects.

15. Her artwork was displayed _____ at the center of the gallery for all visitors to see.

16. The study aimed to identify any _____ between the variables under analysis.

17. The chef created unique dishes through creative _____ of different culinary traditions.

18. The professor _____ the complex theories in a way that made them understandable to all students.

19. The hiking trail _____ the mountain range offering stunning views along the way.

20. The detective story involved a web of _____ that kept readers guessing until the end.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. Pilots undergo training to experience realistic flying scenarios without risk.
22. The magician's trick was so that the audience gasped in amazement.
23. Ferdinand Magellan's expedition was the first successful of the globe.
24. She the idea of studying abroad for months before making a decision.
25. The taste of the dish came from the chef's meticulous selection of ingredients.
26. Chemists study the between different substances to understand chemical processes.
27. The organization aims to diversity and create an inclusive environment for all.
28. Cultural in the city have led to a unique fusion of art and music.
29. The Northern Lights are a natural that captivates viewers with its beauty.
30. Researchers conducted multiple tests to ensure the of their results.



Answer

Multiple Choice: 1. Automated 2. Sustainability 3. Hypersonic 4. Iteration 5. Enhance 6. Aesthetic
7. Revolutionise 8. Instrumental 9. Trend 10. Mechanics

Gap-Fill: 11. Collaboration 12. validity 13. disorienting 14. accentuated 15. prominently 16. correlations
17. amalgamations 18. elucidated 19. traverses 20. entanglement

Matching sentence: 1. Simulation 2. Astonishing 3. Circumnavigation 4. Contemplated 5. Refined 6. Reactions
7. Embrace 8. Amalgamations 9. Phenomenon 10. Validity

CATEGORY

1. Sci/Tech - LEVEL6

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1. \$335M
2. ESL learning
3. esl news
4. funding
5. Level 6
6. recursive intelligence

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