

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

☐ Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

 Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB Number: 3235-0287
Estimated average burden
hours per response: 0.5

1. Name and Address of Reporting Person* <u>LEFKOFSKY ERIC P</u> (Last) (First) (Middle) <u>C/O TEMPUS AI, INC.</u> <u>600 WEST CHICAGO AVENUE, SUITE 510</u> (Street) <u>CHICAGO IL 60654</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Tempus AI, Inc.</u> [<u>TEM</u>] Foreign Trading Symbol 3. Date of Earliest Transaction (Month/Day/Year) <u>08/18/2026</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ☒ Director ☒ 10% Owner ☒ Officer (give title below) Other (specify below) <u>CEO and Chairman</u>
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Class A Common Stock	08/18/2026		S ⁽¹⁾		132,591	D	\$49.61 ⁽²⁾	2,098,130	D	
Class A Common Stock								8,717,783	I	By Gray Media, LLC ⁽³⁾
Class A Common Stock								15,255,469	I	By Blue Media, LLC ⁽³⁾
Class A Common Stock								824,631	I	By Lefkofsky Family Foundation ⁽³⁾
Class A Common Stock								200,000	I	By Vas.org Foundation ⁽³⁾
Class A Common Stock								406	I	By 346 Long LLC ⁽³⁾
Class A Common Stock								5,715,203	I	By Lefkofsky Family 2025 GRAT ⁽³⁾
Class A Common Stock								206	I	By Black Media, LLC ⁽³⁾
Class A Common Stock								4,284,797	I	By Lefkofsky Family 2026 GRAT ⁽³⁾

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)**

[illegible]

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)											or of Securities			
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	Code	V	(A)	(D)	Date Exercisable	Expiration Date	7. Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
1. Represents the number of shares required to be sold to cover the statutory tax withholding obligations in connection with the vesting of the restricted stock units. This sale is mandated by the Issuer's election under its equity incentive plans to require the satisfaction of minimum statutory tax withholding obligations to be funded by a "sell-to-cover" transaction and does not represent a discretionary sale by the Reporting Person.														
2. The price reported is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$49.35 to \$49.99 inclusive. The Reporting Person makes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.														
3. The Reporting Person is (i) a member of, and controls a limited liability company that is a member of, 346 Long LLC, (ii) the sole manager of each of Black Media, LLC, Blue Media, LLC and Gray Media, LLC, (iii) a trustee of each of Lefkofsky Family Foundation and Vas.org Foundation. The Reporting Person's spouse is the trustee of the Lefkofsky Family 2025 GRAT and Lefkofsky Family 2026 GRAT.														
										Amount of Securities Underlying Derivative Security (Instr. 3 and 4)				
										/s/ Andrew Polovin, Attorney-in-Fact		08/20/2026		
										Signature of Reporting Person				

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.