FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| <b>STATEMENT</b> | OF C | HANGES   | IN | BENEFICIAL | OWNERSHIP  |
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| OMB APPROVAL        |           |  |  |  |  |  |  |  |  |
|---------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number:         | 3235-0287 |  |  |  |  |  |  |  |  |
| Estimated average b | urden     |  |  |  |  |  |  |  |  |
| hours per response: | 0.5       |  |  |  |  |  |  |  |  |

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

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

| (Last) C/O ACM  | ian<br>(F<br>M RESEAR   | ,  | (Middle)   |         | - <u>A</u>                 | Issuer Name and Ticker or Trading Symbol ACM Research, Inc. [ ACMR ]      Date of Earliest Transaction (Month/Day/Year) 09/09/2020 |      |          |                         |  |               |                  |                            |  | neck all a <sub>l</sub><br>Dir              | pplicable)<br>ector<br>cer (give<br>ow)       | Ü   | below)  | owner<br>(specify                     |
|---|---|--|--|---------|----------------------------|--|------|----------|-------------------------|--|---------------|------------------|----------------------------|--|---|---|---|---|---------------------------------------|
| (Street) FREMOI   | NT C.   | A  | 94539<br>(Zip)                                     |         | 4.1                        | 4. If Amendment, Date of Original Filed (Month/Day/Year)   |      |          |                         |  |               |                  | 6.<br>Lir                  | e)<br>X Foi<br>Foi                     | ·   |   |   |   |                                       |
| Table I - Non-Deriva  1. Title of Security (Instr. 3)  2. Transa Date (Month/D  |   |  |  | saction | 2A. Deemed Execution Date, |  |      | 3.<br>Tr | ransact                 | ed, Disposed of, or Benefi  4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 5) |               |                  | ed (A) or                  | 5. Amount of                           |   | Fo<br>(D                                      | . Ownership<br>form: Direct<br>D) or Indirect<br>) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |                                       |
| Class A Common Stock  |   |  |  |         | 0/2020                     |  |      |          | <b>M</b> <sup>(1)</sup> | ′  | Amount 33,334 |                  | \$1.                       | Tran<br>(Inst                          | Transaction(s) (Instr. 3 and 4)  117,720    |   | D   | (iiisti. 4)   |                                       |
| Class A Common Stock  09/09/2020  F(1)  848  D  \$58.97  116,872  D  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |   |  |  |         |                            |  |      |          |                         |  |               |                  |                            |  |   |   |   |   |                                       |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)   | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution D<br>if any<br>(Month/Day/ | Date,   | Code (Ir                   |  | of E |          | Expi                    | ate Exe<br>iration I<br>nth/Day  | Date          |                  | of Securi                  | g<br>Security                          | 8. Price<br>Derivat<br>Securit<br>(Instr. 5 | deriv<br>Secu<br>Bene<br>Own<br>Follo<br>Repo | owing<br>orted<br>saction(s                                   | Ownershi<br>Form:<br>Direct (D)<br>or Indirec<br>(I) (Instr. 4    | Beneficial<br>Ownership<br>(Instr. 4) |
|   |   |  |  |         | Code                       | v  | (A)  | (D)      | Date<br>Exer            | e<br>rcisable  |               | xpiration<br>ate | Title                      | Amount<br>or<br>Number<br>of<br>Shares |   |   |   |   |                                       |
| Stock<br>Option   | \$1.5   | 09/09/2020                                 |  |         | <b>M</b> <sup>(1)</sup>    |  |      | 33,334   |                         | (2)  | 0             | 5/01/2025        | Class A<br>Common<br>Stock | 33,334                                 | \$0   |   | 0   | D   |                                       |

## **Explanation of Responses:**

1. On September 9, 2020, the reporting person exercised, by net exercise, a previously issued stock option to purchase 33,334 shares of Class A Common Stock of the Issuer. The reporting person paid the exercise price on a cashless basis, resulting in the Issuer withholding 848 shares of Class A Common Stock for payment of the exercise price, based on the closing price of the Issuer's Class A Common Stock on September 8, 2020 of \$58.97, and issuing to the reporting person the remaining 32,486 shares of Class A Common Stock.

Chief Executive Officer and President of ACM Research (Shanghai), Inc., a subsidiary of the Issuer

/s/ Mark L. Johnson, Attorney-09/10/2020 in-Fact for Jian Wang

\*\* Signature of Reporting Person

Date

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.

<sup>2.</sup> The option is fully vested and exercisable.