FORM 3

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

| OMB APPROVAL             |       |  |  |  |  |  |
|--------------------------|-------|--|--|--|--|--|
| OMB Number: 3235-01      |       |  |  |  |  |  |
| Estimated average burden |       |  |  |  |  |  |
| hours per response       | : 0.5 |  |  |  |  |  |

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

| Chen Fuping  | . Date of Event<br>lequiring Staten<br>Month/Day/Year<br>1/17/2018 | nent               | 3. Issuer Name and Ticker or Trading Symbol ACM Research, Inc. [ ACMR ]        |   |   |  |   |  |  |  |
|--|--|--------------------|--|---|---|--|---|--|--|--|
| (Last) (First) (Middle) C/O ACM RESEARCH, INC.   |  |                    | Relationship of Reporting Perso<br>(Check all applicable)     Director         | son(s) to Issuer  |   | 5. If Amendment, Date of Original Filed (Month/Day/Year) |   |  |  |  |
| 42307 OSGOOD ROAD, SUITE I   |  |                    | X Officer (give title below)   | Other (spe  | Appli   | cable Line)  | /Group Filing (Check  |  |  |  |
| (Street) FREMONT CA 94539  | See Remarks  |                    | X  | X Form filed by One Reporting Person Form filed by More than One Reporting Person |   |  |   |  |  |  |
| (City) (State) (Zip)   |  |                    |  |   |   |  |   |  |  |  |
| Table I - Non-Derivative Securities Beneficially Owned   |  |                    |  |   |   |  |   |  |  |  |
| 1. Title of Security (Instr. 4)  |  |                    | 2. Amount of Securities<br>Beneficially Owned (Instr. 4)                       |   | 3. Ownership<br>Form: Direct (D)<br>or Indirect (I)<br>(Instr. 5) |  | ature of Indirect Beneficial Ownership<br>tr. 5)            |  |  |  |
| Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |                    |  |   |   |  |   |  |  |  |
| 1. Title of Derivative Security (Instr. 4)   | 2. Date Exercisable and Expiration Date (Month/Day/Year)           |                    | 3. Title and Amount of Securities<br>Underlying Derivative Security (Instr. 4) |   | 4.<br>Conversion<br>or Exercise                                   | 5.<br>Ownership<br>Form:                                 | 6. Nature of Indirect<br>Beneficial Ownership<br>(Instr. 5) |  |  |  |
|  | Date<br>Exercisable  | Expiration<br>Date | Title  | Amount<br>or<br>Number<br>of<br>Shares  | Price of<br>Derivative<br>Security                                | Direct (D)<br>or Indirect<br>(I) (Instr. 5)              |   |  |  |  |
| Stock Option   | (1)  | 12/27/2026         | Class A Common Stock   | 46,667  | 3   | D  |   |  |  |  |
| Stock Option   | (2)  | 12/27/2026         | Class A Common Stock   | 33,334  | 3   | D  |   |  |  |  |
| Stock Option   | (3)  | 01/24/2028         | Class A Common Stock   | 50,000  | 5.31  | D  |   |  |  |  |

## **Explanation of Responses:**

- 1. The option vested and became exercisable as to 11,666 shares on June 1, 2017 and the remaining 35,001 shares vest and become exercisable in equal monthly installments over the following 36 months, subject to continued service through each vesting date.
- 2. The option vested and became exercisable as to 8,333 shares on March 1, 2017 and the remaining 25,001 shares vest and become exercisable in equal monthly installments over the following 36 months, subject to continued service through each vesting date.
- 3. The option vests and becomes exercisable as to 12,500 shares on January 1, 2019 and the remaining 37,500 shares vest and become exercisable in equal monthly installments over the following 36 months, subject to continued service through each vesting date.

## Remarks:

Vice President, Sales-China

/s/ Mark L. Johnson, Attorney in-Fact for Fuping Chen 01/25/2018

\*\* Signature of Reporting Person Date

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

- $^{\star}$  If the form is filed by more than one reporting person, see Instruction 5 (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.