FORM 3

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

| OMB APPROVAL             |           |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|
| OMB Number:              | 3235-0104 |  |  |  |  |  |
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| 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

| MacQuitty Jonathan (   |                |       | 2. Date of Event<br>Requiring State<br>(Month/Day/Yea<br>06/19/2019 | ment  | 3. Issuer Name and Ticker or Trading Symbol Personalis, Inc. [ PSNL ]         |                               |  |  |   |   |  |  |
|--|----------------|-------|---|---|---|-------------------------------|--|--|---|---|--|--|
| (Last) (First) (Middle) C/O PERSONALIS, INC.   |                |       |   | Relationship of Reporting Pers (Check all applicable)     Director     Officer (give title below) |   | son(s) to Issuer<br>10% Owner |  | 5. If Amendment, Date of Original Filed (Month/Day/Year) |   |   |  |  |
| 1330 O'BRIEN DRIVE   |                |       |   |   |   |                               | Other (spe<br>below)                   | ,   0. 11  | 6. Individual or Joint/Group Filing (Check Applicable Line) |   |  |  |
| (Street) MENLO PARK  | CA             | 94025 |   |   |   |                               |  | >  | Form filed b  | y One Reporting Person<br>y More than One<br>erson          |  |  |
| (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)                      |                               |  |  | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 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<br>Expiration Date<br>(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   | (right to buy) |       | (1)   | 06/26/2025  |   | Common Stock                  | 56,250                                 | 5.04   | D   |   |  |  |
| Stock Option   | (right to buy) |       | (1)   | 04/25/2028  |   | Common Stock                  | 18,750                                 | 3.8  | D   |   |  |  |
| Stock Option   | (right to buy) |       | (2)   | 05/01/2029  |   | Common Stock                  | 22,500                                 | 13.2   | D   |   |  |  |

## Explanation of Responses:

- 1. The shares subject to the option are fully vested and exercisable.
- $2.\ 1/24\ of\ the\ shares\ subject\ to\ the\ option\ vested\ on\ February\ 1,\ 2019,\ and\ 1/24\ of\ the\ shares\ vest\ monthly\ thereafter.$

### Remarks:

/s/ Peter Mandel, Attorney-in-Fact 06/19/2019

\*\* 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.

#### POWER OF ATTORNEY

for Access Codes to File on EDGAR;

Know all by these presents, that the undersigned hereby constitutes and appoints each of John West, Aaron Tachibana, James Kitch, Michael Tenta, Peter Mandel, and Kristin Peardon, with full power of substitution, signing individually, the undersigned's true and lawful attorneys-in fact and agents to:
(1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer, director or beneficial owner of more than 10% of a registered class of securities of Personalis, Inc., Forms 3, 4, and 5 (including any amendments thereto), relating to the securities of Personalis, Inc., in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act") and the rules thereunder and a Form ID, Uniform Application

- (2) do and perform any and all acts for and on behalf of the undersigned that may be necessary or desirable to execute such Forms 3, 4, or 5, or Form ID (including any amendments thereto) and timely file such forms with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
- (3) take any other action of any nature whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is Personalis, Inc. assuming, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the earliest to occur of (a) the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by Personalis, Inc., (b) revocation by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact or (c) as to any attorney-in-fact individually, until such attorney-in-fact is no longer employed by Personalis, Inc. or Cooley LLP.

The undersigned has caused this Power of Attorney to be executed as of June 4,

/s/ Jonathan MacQuitty