Lifevantage Corp Form SC 13G February 12, 2019

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

	LIFEVANTAGE COF	RPORATION
	(Name of Issuer)	
C	common stock, par value	e \$0.0001 per share
(Title c	of Class of Securities))
	53222K205	
((CUSIP Number) June 26, 2018	
(Date of Event Wh	nich Requires Filing of	f this Statement)
Check the appropriate box to desi Schedule is filed:	ignate the rule pursuar	nt to which this
[X] Rule 13d-1(b)		
[_] Rule 13d-1(c)		
[_] Rule 13d-1(d)		
*The remainder of this cover page initial filing on this form with and for any subsequent amendment the disclosures provided in a pr	n respect to the subject containing information	ct class of securities,
The information required in the r deemed to be "filed" for the purp Act of 1934 ("Act") or otherwise of the Act but shall be subject t see the Notes).	oose of Section 18 of t subject to the liabili	the Securities Exchange ities of that section
CUSIP NO. 53222K205	13G	Page 2 of 8 Page:
(1) NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS.		cities only).
Renaissance Technologies LI	LC 26-0385758	
(2) CHECK THE APPROPRIATE BOX IF	F A MEMBER OF A GROUP	(SEE INSTRUCTIONS):

	(b) [_]			
(3)	SEC USE ONLY			
(4)	CITIZENSHIP OR PLACE OF OR	GANIZATION		
	Delaware 			
	NUMBER OF SHARES BENEFICIALLY OWNED		(5)	SOLE VOTING POWER
				1,069,205
	BY EACH REPORTING		(6)	SHARED VOTING POWER
PERSON WITH:	FERSON WITH.		(0)	
				0
		(7)	SOLE DISPOSITIVE POWER	
			1,069,205	
			(8)	SHARED DISPOSITIVE POWER
				11,943
(0)	ACCRECATE ANOTHER DEVELOPE			DODETNA DEDGOV
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
		1,081,148 		
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)			
				[_]
(11)	PERCENT OF CLASS REPRESE	NTED BY AMOUNT IN	ROW	(9)
		7.67 %		
(12)	TYPE OF REPORTING PERSON IA	(SEE INSTRUCTIONS)	
		Page 2 of 8 page		
====		Page 3 of 8 page		=======================================
CUS	 IP NO. 53222K205	13G		 Page 3 of 8 Page
	NAMES OF REPORTING PERSON I.R.S. IDENTIFICATION NO	S.		
	RENAISSANCE TECHNOLOGIES	HOLDINGS CORPORAT	ION	13-3127734
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [_] (b) [_]			
(3)	SEC USE ONLY			

Delaware	
	(5) SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED	1,069,205
BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
	0
	(7) SOLE DISPOSITIVE POWER
	1,069,205
	(8) SHARED DISPOSITIVE POWER
	11,943
(9) AGGREGATE AMOUNT BENEFICIALLY OWNER	BY EACH REPORTING PERSON
1,081,148	
(10) CHECK BOX IF THE AGGREGATE AMOUNT I (SEE INSTRUCTIONS) [_]	N ROW (9) EXCLUDES CERTAIN SHARES
(11) PERCENT OF CLASS REPRESENTED BY AN	MOUNT IN ROW (9)
7.67 %	
(12) TYPE OF REPORTING PERSON (SEE INSTE	RUCTIONS)
Page 3 c	of 8 pages
CUSIP NO. 53222K205	13G Page 4 of 8 Page:
Item 1.	
(a) Name of Issuer	
LIFEVANTAGE CORPORATION	
(b) Address of Issuer's Principal Ex	secutive Offices.
9785 S. Monroe Street, Ste 400,	Sandy, UT 84070
Item 2.	
(a) Name of Person Filing:	
	ed by Renaissance Technologies LLC ogies Holdings Corporation ("RTHC").

(b) Address of Principal Business Office or, if none, Residence.

The principal business address of the reporting persons is:

800 Third Avenue New York, New York 10022

(c) Citizenship.

RTC is a Delaware limited liability company, and RTHC is a Delaware corporation.

(d) Title of Class of Securities.

common stock, par value \$0.0001 per share

(e) CUSIP Number.

53222K205

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- Item 3. If this statement is filed pursuant to Rule 13d-1(b) or 13-d-2(b) or (c), check whether the person filing is a:
- (a) [_] Broker or dealer registered under section 15 of the Act.
- (b) [_] Bank as defined in section 3(a)(6) of the Act.
- (c) [_] Insurance Company as defined in section 3(a)(19) of the Act.
- (d) [_] Investment Company registered under section 8 of the Investment Company Act.
- (e) [x] Investment Adviser in accordance with Sec.240.13d-1(b)(1)(ii)(E).
- (f) [_] Employee Benefit Plan or Endowment Fund in accordance with Sec. 240.13d-1 (b) (1) (ii) (F).
- (g) [_] Parent holding company, in accordance with Sec.240.13d-1(b)(1)(ii)(G).
- (h) $[_]$ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i) [_] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940.
- (j) $[_]$ Group, in accordance with Sec.240.13d-1(b)(1)(ii)(J).
- Item 4. Ownership.
 - (a) Amount beneficially owned.

RTC: 1,081,148 shares

RTHC: 1,081,148 shares, comprising the shares beneficially owned by RTHC, because of RTHC's majority ownership of RTC.

(b) Percent of Class.

RTC: 7.67 % RTHC: 7.67 %

- (c) Number of shares as to which the person has:
 - (i) sole power to vote or to direct the vote:

RTC: 1,069,205 RTHC: 1,069,205

(ii) Shared power to vote or to direct the vote: 0

(iii) sole power to dispose or to direct the disposition of:

RTC: 1,069,205 RTHC: 1,069,205

(iv) Shared power to dispose or to direct the disposition of:

RTC: 11,943 RTHC: 11,943

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Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [_]

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Certain funds and accounts managed by RTC have the right to receive dividends and proceeds from the sale of the securities which are the subject of this report.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not applicable

Item 8. Identification and Classification of Members of the Group.

Not applicable

Item 9. Notice of Dissolution of a Group.

Not applicable

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Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 12, 2019

Renaissance Technologies LLC

By: /s/ Mark Silber
Executive Vice President

Executive vice President

Renaissance Technologies Holdings Corporation

By: /s/ Mark Silber Vice President

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See $18\ U.S.C.\ 1001$).

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EXHIBIT 99.1

AGREEMENT REGARDING JOINT FILING

UNDER RULE 13D-1(K) OF THE EXCHANGE ACT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, each of the undersigned agrees to the filing on behalf of each of a Statement on Schedule 13G, and all amendments thereto, with respect to the shares of common stock, par value \$0.0001 per share of LIFEVANTAGE CORPORATION.

Date: February 12, 2019

Renaissance Technologies LLC

By: /s/ Mark Silber
Executive Vice President

Renaissance Technologies Holdings Corporation

By: /s/ Mark Silber Vice President

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