

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

SCHEDULE 13G
Under the Securities Exchange Act of 1934

VECTOR ACQUISITION CORPORATION

(Name of Issuer)

CLASS A ORDINARY SHARES, PAR VALUE \$0.0001 PER SHARE

(Title of Class of Securities)

G9442R100**

(CUSIP Number)

SEPTEMBER 25, 2020

(Date of event which requires filing of this statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

☐ Rule 13d-1(b)

☒ Rule 13d-1(c)

☐ Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the notes).

** (See Item 2(e))

1	NAMES OF REPORTING PERSONS		
	Integrated Core Strategies (US) LLC		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>		
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	Delaware		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER	
		-0-	
	6	SHARED VOTING POWER	
		940,000	
	7	SOLE DISPOSITIVE POWER	
		-0-	
	8	SHARED DISPOSITIVE POWER	
		940,000	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	940,000		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
	<input type="checkbox"/>		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	3.1%		
12	TYPE OF REPORTING PERSON		
	OO		

1	NAMES OF REPORTING PERSONS		
	Riverview Group LLC		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>		
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	Delaware		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER	
		-0-	
	6	SHARED VOTING POWER	
		600,000	
	7	SOLE DISPOSITIVE POWER	
		-0-	
	8	SHARED DISPOSITIVE POWER	
		600,000	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	600,000		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
	<input type="checkbox"/>		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	2.0%		
12	TYPE OF REPORTING PERSON		
	OO		

1	NAMES OF REPORTING PERSONS		
	ICS Opportunities, Ltd.		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>		
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	Cayman Islands		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER	
		-0-	
	6	SHARED VOTING POWER	
		980,000	
	7	SOLE DISPOSITIVE POWER	
		-0-	
	8	SHARED DISPOSITIVE POWER	
		980,000	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	980,000		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
	<input type="checkbox"/>		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	3.3%		
12	TYPE OF REPORTING PERSON		
	CO		

1	NAMES OF REPORTING PERSONS		
	Millennium International Management LP		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>		
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	Delaware		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER	
		-0-	
	6	SHARED VOTING POWER	
		980,000	
	7	SOLE DISPOSITIVE POWER	
		-0-	
	8	SHARED DISPOSITIVE POWER	
		980,000	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	980,000		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
	<input type="checkbox"/>		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	3.3%		
12	TYPE OF REPORTING PERSON		
	PN		

1	NAMES OF REPORTING PERSONS		
	Millennium Management LLC		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>		
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	Delaware		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER	
		-0-	
	6	SHARED VOTING POWER	
		2,520,000	
	7	SOLE DISPOSITIVE POWER	
		-0-	
	8	SHARED DISPOSITIVE POWER	
		2,520,000	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	2,520,000		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
	<input type="checkbox"/>		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	8.4%		
12	TYPE OF REPORTING PERSON		
	OO		

1	NAMES OF REPORTING PERSONS		
	Millennium Group Management LLC		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>		
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	Delaware		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER	
		-0-	
	6	SHARED VOTING POWER	
		2,520,000	
	7	SOLE DISPOSITIVE POWER	
		-0-	
	8	SHARED DISPOSITIVE POWER	
		2,520,000	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	2,520,000		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
	<input type="checkbox"/>		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	8.4%		
12	TYPE OF REPORTING PERSON		
	OO		

1	NAMES OF REPORTING PERSONS		
	Israel A. Englander		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>		
3	SEC USE ONLY		
4	CITIZENSHIP OR PLACE OF ORGANIZATION		
	United States		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER	
		-0-	
	6	SHARED VOTING POWER	
		2,520,000	
	7	SOLE DISPOSITIVE POWER	
		-0-	
	8	SHARED DISPOSITIVE POWER	
		2,520,000	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	2,520,000		
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES		
	<input type="checkbox"/>		
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	8.4%		
12	TYPE OF REPORTING PERSON		
	IN		

Item 1.(a) Name of Issuer:

Vector Acquisition Corporation, a Cayman Islands exempted company (the "Issuer").

(b) Address of Issuer's Principal Executive Offices:

One Market Street
Steuart Tower, 23rd Floor
San Francisco, California 94105

Item 2. (a) Name of Person Filing:(b) Address of Principal Business Office:(c) Citizenship:

Integrated Core Strategies (US) LLC
c/o Millennium Management LLC
666 Fifth Avenue
New York, New York 10103
Citizenship: Delaware

Riverview Group LLC
c/o Millennium Management LLC
666 Fifth Avenue
New York, New York 10103
Citizenship: Delaware

ICS Opportunities, Ltd.
c/o Millennium International Management LP
666 Fifth Avenue
New York, New York 10103
Citizenship: Cayman Islands

Millennium International Management LP
666 Fifth Avenue
New York, New York 10103
Citizenship: Delaware

Millennium Management LLC
666 Fifth Avenue
New York, New York 10103
Citizenship: Delaware

Millennium Group Management LLC
666 Fifth Avenue
New York, New York 10103
Citizenship: Delaware

Israel A. Englander
c/o Millennium Management LLC
666 Fifth Avenue
New York, New York 10103
Citizenship: United States

(d) Title of Class of Securities:

Class A ordinary shares, par value \$0.0001 per share ("Class A Ordinary Shares")

(e) CUSIP Number:

As of the date of this Schedule 13G, a CUSIP number for the Issuer's Class A Ordinary Shares is not available. The CUSIP number for the Issuer's units is G9442R100.

Item 3. If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b), check whether the person filing is a:

- (a) ☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
 - (b) ☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
 - (c) ☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
 - (d) ☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
 - (e) ☐ An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
 - (f) ☐ An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
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- (g) ☐ A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);
- (h) ☐ A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (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 (15 U.S.C. 80a-3);
- (j) ☐ Group, in accordance with §240.13d-1(b)(1)(ii)(J).

Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount Beneficially Owned:

As of the close of business on September 30, 2020, the reporting persons beneficially owned an aggregate of 2,520,000 of the Issuer's Class A Ordinary Shares as a result of holding 2,520,000 of the Issuer's units. Each unit consists of one Class A Ordinary Share of the Issuer and one-third of one warrant of the Issuer. Each whole warrant entitles the holder to purchase one Class A Ordinary Share of the Issuer. The Issuer's warrants will become exercisable on the later of 30 days after the completion of the Issuer's initial business combination and 12 months from the closing of the Issuer's initial public offering. Specifically, as of the close of business on September 30, 2020:

i) Integrated Core Strategies (US) LLC, a Delaware limited liability company ("Integrated Core Strategies"), beneficially owned 940,000 of the Issuer's Class A Ordinary Shares as a result of holding 940,000 of the Issuer's units;

ii) Riverview Group LLC, a Delaware limited liability company ("Riverview Group"), beneficially owned 600,000 of the Issuer's Class A Ordinary Shares as a result of holding 600,000 of the Issuer's units; and

iii) ICS Opportunities, Ltd., an exempted company organized under the laws of the Cayman Islands ("ICS Opportunities"), beneficially owned 980,000 of the Issuer's Class A Ordinary Shares as a result of holding 980,000 of the Issuer's units, which together with the Issuer's Class A Ordinary Shares beneficially owned by Integrated Core Strategies and Riverview Group represented 2,520,000 of the Issuer's Class A Ordinary Shares or 8.4% of the Issuer's Class A Ordinary Shares outstanding.

Millennium International Management LP, a Delaware limited partnership ("Millennium International Management"), is the investment manager to ICS Opportunities and may be deemed to have shared voting control and investment discretion over securities owned by ICS Opportunities.

Millennium Management LLC, a Delaware limited liability company ("Millennium Management"), is the general partner of the managing member of Integrated Core Strategies and Riverview Group and may be deemed to have shared voting control and investment discretion over securities owned by Integrated Core Strategies and Riverview Group. Millennium Management is also the general partner of the 100% owner of ICS Opportunities and may also be deemed to have shared voting control and investment discretion over securities owned by ICS Opportunities.

Millennium Group Management LLC, a Delaware limited liability company ("Millennium Group Management"), is the managing member of Millennium Management and may also be deemed to have shared voting control and investment discretion over securities owned by Integrated Core Strategies and Riverview Group. Millennium Group Management is also the general partner of Millennium International Management and may also be deemed to have shared voting control and investment discretion over securities owned by ICS Opportunities.

The managing member of Millennium Group Management is a trust of which Israel A. Englander, a United States citizen ("Mr. Englander"), currently serves as the sole voting trustee. Therefore, Mr. Englander may also be deemed to have shared voting control and investment discretion over securities owned by Integrated Core Strategies, Riverview Group and ICS Opportunities.

The foregoing should not be construed in and of itself as an admission by Millennium International Management, Millennium Management, Millennium Group Management or Mr. Englander as to beneficial ownership of the securities owned by Integrated Core Strategies, Riverview Group or ICS Opportunities, as the case may be.

(b) Percent of Class:

As of the close of business on September 30, 2020, Millennium Management, Millennium Group Management and Mr. Englander may be deemed to have beneficially owned 2,520,000 of the Issuer's Class A Ordinary Shares or 8.4% of the Issuer's Class A Ordinary Shares outstanding (see Item 4(a) above), which percentage was calculated based on 30,000,000 of the Issuer's Class A Ordinary Shares outstanding as of September 29, 2020, as per the information reported in the Issuer's Form 8-K dated September 30, 2020.

(c) Number of shares as to which such person has:

(i) Sole power to vote or to direct the vote

-0-

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

2,520,000 (See Item 4(b))

(iii) Sole power to dispose or to direct the disposition of

-0-

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

2,520,000 (See Item 4(b))

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.

Not applicable.

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

See Exhibit I.

Item 9. Notice of Dissolution of Group

Not applicable.

Item 10. Certification

By signing below each of the undersigned certifies that, to the best of its knowledge and belief, the securities referred to above were 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.

Exhibits:

Exhibit I: Joint Filing Agreement, dated as of September 30, 2020, by and among Integrated Core Strategies (US) LLC, Riverview Group LLC, ICS Opportunities, Ltd., Millennium International Management LP, Millennium Management LLC, Millennium Group Management LLC and Israel A. Englander.

SIGNATURE

After reasonable inquiry and to the best of its knowledge and belief, each of the undersigned certifies that the information with respect to it set forth in this statement is true, complete, and correct.

Dated: September 30, 2020

INTEGRATED CORE STRATEGIES (US) LLC

By: Integrated Holding Group LP,
its Managing Member

By: Millennium Management LLC,
its General Partner

By: /s/ Gil Raviv
Name: Gil Raviv
Title: Global General Counsel

RIVERVIEW GROUP LLC

By: Integrated Holding Group LP,
its Managing Member

By: Millennium Management LLC,
its General Partner

By: /s/ Gil Raviv
Name: Gil Raviv
Title: Global General Counsel

ICS OPPORTUNITIES, LTD.

By: Millennium International Management LP,
its Investment Manager

By: /s/ Gil Raviv
Name: Gil Raviv
Title: Global General Counsel

MILLENNIUM INTERNATIONAL MANAGEMENT LP

By: /s/Gil Raviv
Name: Gil Raviv
Title: Global General Counsel

MILLENNIUM MANAGEMENT LLC

By: /s/Gil Raviv
Name: Gil Raviv
Title: Global General Counsel

MILLENNIUM GROUP MANAGEMENT LLC

By: /s/Gil Raviv
Name: Gil Raviv
Title: Global General Counsel

/s/ Israel A. Englander

EXHIBIT I

JOINT FILING AGREEMENT

This will confirm the agreement by and among the undersigned that the Schedule 13G filed with the Securities and Exchange Commission on or about the date hereof with respect to the beneficial ownership by the undersigned of the Class A Ordinary Shares, par value \$0.0001 per share, of Vector Acquisition Corporation, a Cayman Islands exempted company, will be filed on behalf of each of the persons and entities named below in accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Dated: September 30, 2020

INTEGRATED CORE STRATEGIES (US) LLC

By: Integrated Holding Group LP,
its Managing Member

By: Millennium Management LLC,
its General Partner

By: /s/ Gil Raviv
Name: Gil Raviv
Title: Global General Counsel

RIVERVIEW GROUP LLC

By: Integrated Holding Group LP,
its Managing Member

By: Millennium Management LLC,
its General Partner

By: /s/ Gil Raviv
Name: Gil Raviv
Title: Global General Counsel

ICS OPPORTUNITIES, LTD.

By: Millennium International Management LP,
its Investment Manager

By: /s/ Gil Raviv
Name: Gil Raviv
Title: Global General Counsel

MILLENNIUM INTERNATIONAL MANAGEMENT LP

By: /s/Gil Raviv
Name: Gil Raviv
Title: Global General Counsel

MILLENNIUM MANAGEMENT LLC

By: /s/Gil Raviv
Name: Gil Raviv
Title: Global General Counsel

MILLENNIUM GROUP MANAGEMENT LLC

By: /s/Gil Raviv

Name: Gil Raviv
Title: Global General Counsel

/s/ Israel A. Englander
Israel A. Englander
