# Kevin Le

**Home Address**                                                                      **Date of Birth**
99 Blake Rd.                                                                            26 January 1998
Lexington, MA 02420
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## Education

Columbia University in the City of New York
   Bachelor of Science in Mechanical Engineering | Expected Graduation Date: 2020
Lexington High School
   High School Diploma | Graduation Date: 2016 | Cumulative GPA (unweighted): 3.9

## Skills

Java, C++, HTML/CSS, Javascript, Python, Arduino, Circuitry, CAD (Solidworks)/3D Printing

## Work Experience

**Administrative Assistant**, Columbia University Chemistry, New York, New York, Fall 2016 (Current)
   Responsible for running various administrative procedures for Columbia's chemistry department
**Independent Landscaper**, Lexington, MA, Summer 2016
   Responsible for maintaining, structuring, and designing yards and gardens. Served 7 clients
**Research Intern**, Forsyth Institute (Immunology Dept.), Cambridge, MA, Summer 2015
   Extended personal research concerning the interaction between nematodes and *M. smegmatis*
**Counselor in Training**, Camp Rotary (Sleepaway Camp), Boxford, MA, Summer 2014
   Responsible for running various programs and maintaining the well-being of campers
**Marketer,** LPS Business & Finance Operations, Lexington, MA Spring 2014
   Brainstormed various promotional material for a campaign for alternative routes to school

## Selected Projects

**Lexington (MA) Public School System Engineering Education**
   Led and implemented the largest engineering education reform in the history of Lexington
   by integrating original engineering curricula at all elementary schools and establishing a
   MakerSpace at Lexington High School
**An Investigation on the Interactions between *C. elegans* and *M. smegmatis***
   An independent research project carried out at Forsyth with a focus on the cell wall and mycolic acid
   structure of *M. smegmatis*, which is closely related to *M. tuberculosis*. Winner of 2$^{nd}$ place MSSEF and
   MA House of Representatives Recognition in STEM.
**Radar.io**
   An in-browser 3D motion tracking API for computer and smartphone cameras.
   Written in Javascript.
**FIRST Tech Challenge Robotics**
   Captain of 2 Bits and a Byte (FTC 4029), 2014-2016. Raised funds from ~2k per year to ~10k per
   year. 12+ awards won as captain.
   2014-2015: World Championship Qualifiers.
   2015-2016: World Championship Quarterfinalists.
**LexHack** (www.lexhack.org)
   Founder of annual high school hackathon (150+ students) in Greater Boston Area.

## Affiliations & Activities

**Columbia Space Initiative,** Member of the rocketry mission and Micro-G Next Mission
**Barnard-Columbia Design for America**, Organization focused on human-centered design
**Columbia Robotics Club,** Member of drone and Mech Warfare project
**Application Development Initiative**, General body member of Columbia's coding group
**CU Records**, A student-run recording studio
**Columbia XMAS!,** Pianist for Columbia's annual winter comedy musical
**Songwriting**, 4$^{th}$ Place in International Golden Key Music Composition Competition