

Kevin Le

Home Address

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Date of Birth

26 January 1998

Education

Columbia University in the City of New York
Bachelor of Science in Biomedical 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, Arduino, Linux, CAD (Solidworks)/3D Printing, Python

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*
Research patent-pending
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 2nd 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. 12+ awards won as captain.
2014-2015: World Championship Qualifiers.
2015-2016: World Championship Quarterfinalists

Affiliations & Activities

Columbia Space Initiative, Member of the rocketry division
Columbia Robotics Club, Member of the drone and Mech Warfare divisions
Application Development Initiative (ADI), Columbia's primary coding group
Barnard-Columbia Design for America, Organization focused on human-centered design
CU Records, A student-run recording and sound engineering studio
Columbia XMAS!, Pianist for Columbia's annual winter comedy musical