

Kevin Le

Engineer, Researcher, Social Thinker
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Education

- **Columbia University** New York, NY
B.S. Biomedical Engineering or Mechanical Engineering (Undecided) Expected 2020
- **Lexington High School** Lexington, MA
Cumulative GPA (unweighted): 3.9 2012-2016

Technical Experience

Skills: Solidworks/3D Printing, Java, C++, Python, HTML/CSS, Javascript, Linux, Circuitry

- **Columbia Space Initiative** New York, NY
Rocket Team and Micro-G NExT Team Sept. 2016 - Present
 - (Rockets) Constructing Columbia's first Class-I rocket from scratch with experimental engines
 - (Micro-G NExT) Designing a subsurface sampling device for astronaut use with asteroids
- **Columbia Robotics Club** New York, NY
Drone Team Sept. 2016 - Present
 - Researching simultaneous localization and mapping (SLAM) code for autonomous drones
- **Lexington High School Robotics Team (FTC 4029 - 2 Bits and a Byte)** Lexington, MA
Captain 2012-2016
 - Led team to FIRST World Championship all years as captain. Division semi-finalists in 2016.
- **Forsyth Institute, Immunology Dept.** Cambridge, MA
Research Intern Summer 2015
 - Extended personal research concerning interaction between *C. elegans* and *M. smegmatis*

Social Impact

- **Barnard-Columbia Design for America** New York, NY
Studio Member Sept. 2016 - Present
 - Designing and implementing multidisciplinary solutions for social issues in NYC
 - Currently on sub-team working on environmental justice and sustainability in Harlem
- **Engineers Without Borders, Columbia Chapter** New York, NY
Morocco Division, Water Sub-Team Sept. 2016 - Present
 - Designing a tank and water distribution system for areas in Morocco far from water
- **Columbia Biomedical Engineering Society** New York, NY
Board Member Sept. 2016 - Present
 - Currently one of four co-organizers for Columbia's first health hackathon (to occur in winter)
- **Lexington Public School System Engineering Reform** Lexington, MA
Director and Founder 2014-2016
 - Led, passed, and implemented the largest engineering reform in the history of Lexington, MA to integrate original engineering curricula across all schools and to establish a MakerSpace