

# Kevin Le

Engineer, Researcher, Social Thinker  
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## Education

- **Columbia University** New York, NY  
*B.S. Mechanical Engineering* 2016-2020
- **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) Constructed Columbia's first Class-K rocket from scratch with experimental engines
  - (Micro-G NExT) Designed a subsurface sampling device for astronaut use with asteroids
- **Columbia Robotics Club** New York, NY  
*Drone Team* Sept. 2016 - Present
  - Researched 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
  - Designed and implemented multidisciplinary solutions for environmental justice and sustainability in Harlem
- **Engineers Without Borders, Columbia Chapter** New York, NY  
*Morocco Division, Water Sub-Team* Sept. 2016 - Present
  - Designed a tank and water distribution system for Izgouaren, Morocco
- **Columbia Biomedical Engineering Society** New York, NY  
*Board Member* Sept. 2016 - Present
  - Co-organized Columbia's first health hackathon [www.biohacks.nyc](http://www.biohacks.nyc)
- **Lexington Public School System Engineering Education Reform** Lexington, MA  
*Director and Founder* 2014-2016
  - Led and implemented the largest engineering education reform in the history of Lexington, MA to integrate original engineering curricula across all schools and to establish a MakerSpace