

Kevin Le

Engineer, Researcher, Social Thinker
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Education

- Columbia University** New York, NY
• *B.S. Mechanical Engineering, GPA: 3.73* 2016-2020

Technical Experience

Skills: Solidworks/Creo/AutoCAD, Machining, Circuitry, Java, HTML/CSS, Javascript, Adobe Suite

- 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) methods 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** Cambridge, MA
• *Research Intern* 2015
 - Conducted independent research concerning interactions between *M. smegmatis* and *C. elegans*

Social Impact

- Barnard-Columbia Design for America** New York, NY
• *Studio Member* Sept. 2016 - Present
 - Designed a portable, modular, and solar-powered battery unit for Harlem residents
- Engineers Without Borders, Columbia Chapter** New York, NY
• *Morocco Division, Water Sub-Team* Sept. 2016 - Present
 - Designed a water storage and filtration 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
- 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