

Kevin Le

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EDUCATION

Columbia University, The Fu Foundation School of Engineering and Applied Science New York, NY – May 2020
Bachelor of Science – Operations Research: Engineering Management Systems, GPA 3.73 | Dean's List
Lexington High School Lexington, MA – June 2016
High School Diploma – GPA 3.89

WORK EXPERIENCE

Department of Chemistry, Columbia University New York, NY
Administrative Assistant September 2016 – Present

- Perform a wide range of administrative and office support activities including archiving digital databases and coordinating and scheduling graduate student events to facilitate efficient operation of the department

Forsyth Institute, Immunology Dept. Cambridge, MA
Research Intern June 2015– September 2015

- Proposed and conducted an original microbiology research proposal related to *M. tuberculosis*

LEADERSHIP

Engineers Without Borders – Morocco, Columbia University Chapter New York, NY
Water Project Team Lead September 2016 – Present

- Oversee all engineering, administrative, and financial aspects of implementing a well and a water filtration, sanitation, pumping, and storage system in Morocco
- Lead team of ten students through research, design, resourcing, logistics, documentation, and construction

Fundraising Chair January 2016 – Present

- Responsible for raising money (at least \$1500 per semester) for the chapter to alleviate travel costs, manage repairs and modifications for a synthetic cable bridge, and construct all parts of a water distribution system

Columbia Space Initiative New York, NY
NASA Micro-G Outreach Lead & Design Member September 2016 – Present

- Organize aerospace outreach in the community including workshops, presentations, and demos
- Design and manufacture a subsurface asteroid sampling device as part of NASA's Micro-G NExT challenge

Lexington Public Schools Engineering Education Reform Lexington, MA
Founder & Director October 2014 – June 2016

- Managed and led a \$50,000 multi-year initiative impacting over 10,000 students to:
 - Establish an open-doors educational MakerSpace (a general engineering space) for student and faculty use
 - Integrate original engineering curricula into all six public elementary schools and train teachers to be proficient at teaching engineering-related subjects

FIRST Tech Challenge (FTC) Robotics Lexington, MA
Captain of 2 Bits and a Byte (FTC 4029) June 2014 – June 2016

- Led 15-member robotics team to FIRST World Championship both years as captain and increased team revenue from \$3000/year to \$10,000/year
 - FIRST Tech Challenge World Championship Division Semi-Finalists in 2016

ADDITIONAL ACTIVITIES

Columbia Urban Experience (CUE), Pre-Orientation Program – CUE Leader February 2016 – Present

- Lead a group of incoming freshmen through service-based activities in NYC

Barnard-Columbia Design for America, Social Entrepreneurship Studio – Studio Member September 2016 – Present

- Develop a wearable air quality sensor that can collect and visualize pollution data in real-time for educational use

HealthHacks NYC, Columbia's First Medical-Themed Hackathon, Sponsorship Team September 2016 – April 2016

- Coordinate with sponsors such as IBM for funds, mentors, prizes, and judges (total valuation: \$30,000)

SKILLS

Computer: Microsoft (Word, Excel, Powerpoint, Access), Adobe (Photoshop, Illustrator InDesign)
Programming: Java, Python, C++, HTML/CSS, Javascript
Languages: Intermediate French, Intermediate Vietnamese