

## 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 3.63 | Dean's List*

### WORK EXPERIENCE

**Advanced Acoustic Concepts (AAC), Naval Defense Contractor** Hauppauge, NY  
*Software Engineering Intern* June 2017 – August 2017

- Developed the backend of a prototype to automate the use of AAC's naval warfare simulation software
  - Approved to advance from prototype to partial implementation phase by the end of the summer

**Chemistry Graduate Office, 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* August 2015 – September 2015

- Proposed and conducted original microbiology research related to *M. tuberculosis* and its cell wall breakdown

### 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 Ait Bayoud, 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 \$1000 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 – May 2017

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

**HealthHacks NYC, Columbia's First Medical-Themed Hackathon** New York, NY  
*Branding Lead* September 2016 – April 2017

- Created branded material for marketing HealthHacks NYC to the general public and for sponsor recruitment

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

- Managed and led a \$15,000 two-year initiative impacting over 10,000 students to establish a MakerSpace at Lexington High School and integrate original engineering curriculum across all six public Lexington elementary schools

### ADDITIONAL ACTIVITIES

**Muse House, Columbia University's Music-Focused Residence Floor** New York, NY  
*Committee Member & Resident* September 2017 – Present

- Responsible for organizing music-focused events for the Columbia University community

**CU Records, Columbia University's Student-Run Recording Studio** New York, NY  
*Studio Engineer* November 2016 – Present

- Assist local artists in making high quality recordings of instruments and in mixing and mastering tracks

**Design for America, Barnard-Columbia Chapter** New York, NY  
*Studio Member* September 2016 – Present

- Designed interdisciplinary solutions for local charities using a human-centered design process

### SKILLS

**Computer:** Proficient: Excel, Word, PowerPoint, Outlook, Access | Beginner: Photoshop, Illustrator, InDesign

**Programming:** Proficient: Python, Java, Bash, C++, HTML/CSS, Javascript | Beginner: MATLAB

**Language:** Proficient: French | Beginner: Vietnamese

**Misc:** Award-Winning Music Composer (Instrument of Choice: Piano)