

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, Naval Defense Contractor Hauppauge, NY
Software Engineering Intern June 2017 – August 2017

- Developed the backend of an automated system testing infrastructure prototype for a naval warfare simulation software
 - Programmed numerous simulation-specific data collection recorders and a modular way to run these recorders simultaneously in real time as tactical simulations run, process it according to user specified criteria, evaluate and compile the results, and auto generate a test report
 - Approved to advance from prototype to partial implementation phase by the end of the summer
- Skills used: Python, Java, Bash

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
- Skills used: Microsoft Excel, Microsoft Word, Adobe Photoshop

Forsyth Institute, Immunology Dept. Cambridge, MA
Research Intern August 2015- September 2015

- Proposed and conducted an original microbiology research proposal related to *M. tuberculosis*
- Skills used: Microsoft Excel, Microsoft Word, Microsoft Powerpoint

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 \$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 public Lexington elementary schools

ADDITIONAL ACTIVITIES

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

SKILLS

Computer: Proficient: Solidworks, AutoCAD, Excel, Word, Powerpoint || Beginner: Photoshop, Illustrator, InDesign

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

Language: Proficient: French || Beginner: Vietnamese