

Kevin Le

5728 Columbia Student Mail, 70 Morningside Drive, New York, NY

(781) 775-4603 | k.le@columbia.edu | Portfolio: www.kevinle.co

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
 - Programmed numerous 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 test reports
 - 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 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

Design for America, Barnard-Columbia Chapter New York, NY
Studio Member September 2016 – May 2017

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

SKILLS

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

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

Language: Proficient: French || Beginner: Vietnamese