

ALEXANDER LENAIL

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MISSION | I want to make a difference in the world and I'm building the skill set I feel is the most apt to do it.

EDUCATION | **MASSACHUSETTS INSTITUTE OF TECHNOLOGY**, SPECIAL STUDENT

STUDYING "ABROAD" FOR A YEAR: SPRING / FALL 2015

Computational Systems Biology, Introductory Chemistry, Differential Equations.
Now: Advanced Natural Language Processing, Advanced Machine Vision, Signals & Systems.

TUFTS UNIVERSITY, CLASS OF 2016

COMPUTER SCIENCE & MATHEMATICS

Machine Learning, Computational Biology, Programming Languages, Theory of Computation, Computer Systems, Data Structures, Discrete Math, Linear Algebra, Web Engineering, Advanced Machine Learning, Algorithms, Concurrency.

PALO ALTO HIGH SCHOOL, CLASS OF 2012

Always sought to challenge myself as much as possible, consistently taking the hardest classes available. Started an Ultimate Frisbee team and a foreign affairs publication. Made my mark.

PASSIONS & SKILLS | **Programming:** Proficient in C/C++, python, and the Web Stack (HTML/CSS, JS/CoffeeScript, Node/Express, Backbone, jQuery, D3. Some Scala, Erlang, Ruby, Java, Lisp, Scheme, ML.

International: Native French speaker and fluent in Spanish. Traveled extensively through Europe and Latin America. Love culture and immersing myself in the ones I don't understand. Love learning about what makes the world tick and coming up with ideas to make it tick better.

DIY: I build computers and take them apart. DIY electronics. I've built half the furniture in my house, my bike, some of my clothes. All in the workshop in my garage. DIY everything. DIY life.

Art: Advanced and experimental photography. Video, image, sound, and music editing. Glassblowing, Pottery, Carpentry, Sculpture. I love making beautiful things.

EXPERIENCES | **SOFTWARE ENGINEERING INTERN** GOOGLE SEARCH

SUMMER 2015

Developed an extensible classifier framework to recognize nefarious URL patterns in the crawl (proof-of-concept was Youtube Mirrors). C++ template programming, MapReduce, AdaBoost.

BIOINFORMATICS TA/RA TUFTS UNIVERSITY

FALL 2014

Working for Professor Donna Slonim as a teaching assistant for her BioInformatics class and research assistant on the CSAX algorithm project.

PRESIDENT TUFTS CSX

SEPTEMBER 2013 – PRESENT

As the leader of the main computer science club on campus, I help organize hackathons and tech-talks for over 300 students to come together and share ideas and pizza.

KPCB ENGINEERING FELLOW COURSERA

SUMMER 2014

Building out the Future Learning Experiences platform in Scala with the Play framework, Javascript with Backbone, Jade and Stylus.

SOFTWARE ENGINEERING INTERN AUTODESK INC

SUMMER 2013

Working on 3D modeling technology 'FormIt Web' Javascript/CoffeeScript programming using Node, Scene.JS, Raphael.JS, Sylvester.JS, which wrap graphics programming on the web.

RESEARCH ASSISTANT STANFORD GRADUATE SCHOOL OF BUSINESS

SUMMER 2012