

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 | **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, and Web Engineering.
Now: 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++ and python, as well as Web technologies like HTML/CSS, Javascript/CoffeeScript, and NodeJS. Frameworks Backbone, jQuery, D3/Raphael. Some Scala, Erlang, Java/Android, and Ruby/Rails. Some 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 for fun. DIY electronics. I've built half the furniture in my house, my bike, some of my clothes. 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 | **BIOINFORMATICS TA/RA TUFTS UNIVERSITY**
SEPTEMBER 2014 – PRESENT

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

KPCB ENGINEERING FELLOW COURSERA
MAY 2014 – SEPTEMBER 2014

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

SOFTWARE ENGINEERING INTERN AUTODESK INC
MAY 2013 – SEPTEMBER 2013

Working on 3D modeling technology 'FormIt Web' Javascript/CoffeeScript programming using Node, SceneJS, RaphaelJS, SylvesterJS, jQuery, Git, and many others.

EXECUTIVE BOARD MEMBER TUFTS ACM
SEPTEMBER 2013 – PRESENT

As a leader of the main computer science club on campus, I help organize hackathons and tech-talks for ~100 students to come together and share ideas and pizza.

RESEARCH ASSISTANT STANFORD GRADUATE SCHOOL OF BUSINESS
APRIL 2012 – SEPTEMBER 2012

Researched corporate responses to shareholder resolutions launched by environmental activists, searching for a link between media attention and corporate policy. Looked through thousands of proxy filings and many more articles in various databases and compiled reports.

REFERENCES | **WILL BOWERS**, FRONT END ENGINEER

COURSERA

wbowers@coursera.org

MARC RASI, FRONT END ENGINEER

COURSERA

marc@coursera.org

TIM CULVER, SOFTWARE ENGINEER

AUTODESK (NOW AT GOOGLE)

(outdated) Tim.Culver@autodesk.com

MATT CAMPBELL, PRINCIPAL SOFTWARE ENGINEER

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JENNIE SAVAGE, DIRECTOR OF FORENSICS

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