

NADINE SHEN MOLESKY

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Personal Website: <https://nadineshmo.github.io/>

GitHub: <https://github.com/nadineshmo>

EDUCATION

**Tufts
University
Medford, MA**

Class of 2017

Dean's List

**B.S. in Computer Science, B.S. in Biology
(Expected May 2017)**

GPA: 3.52

Related Coursework: Machine Structure & Assembly Language Programming, Data Structures, Human-Computer Interaction, Computational Theory, Visualizations, Introduction to Computer Security, Algorithms, Web Programming (self-taught)

PROJECTS

(JavaScript,
HTML/CSS,
Google Maps API)

INTERACTIVE MBTA MAP

- Implemented an interactive subway map that includes features such as: distance from user's current location, time until next train, etc.

(C)

UNIVERSAL MACHINE EMULATOR

- Implemented a Universal Machine Emulator in C that parses and executes 14 unique machine instructions

(Assembly)

REVERSE POLISH NOTATION CALCULATOR

- Implemented a calculator using the 14-instruction assembly language created for the Universal Machine Emulator

EXPERIENCE

Middlesex District Attorney, Woburn, MA Legal Intern

May 2015 – August 2015

- Assisted prosecutors in case research, data organization, and trial preparation

Hoekstra Lab, Harvard University, Cambridge, MA Research Intern

May 2014 – May 2015

- Performed biological research and statistical analysis on the evolution of burrowing behavior in *Peromyscus* mice
- Designed and executed independent research project

SKILLS

Programming Languages : C/C++, HTML5/CSS, JavaScript, Assembly

Software : Git, Wireshark, ettercap

Environments : Kali Linux, Unix, Mac

Technologies and Frameworks : Google Maps API