

Contact Information *Phone:* (631) 245-4071
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Education **Tufts University** Medford, MA
B.S. with Highest Honors in Computer Science, February 2015
GPA: 3.94

Work Experience **Google Software Engineer** *July 2015 - Present*
New York, NY
- Developing new features for Google Search on the Knowledge Team.

Tufts Department of Computer Science Teaching Assistant *Sept 2012 – May 2015*
Medford, MA
- Run office hours and grade for Programming Languages and Internet-Scale Distributed Systems courses. Past: Intro to CS, Machine Structure and Assembly Language Programming

Galatea Associates LLC Software Development Intern *June 2014 – Dec 2014*
Somerville, MA
- Completed development and improved extensibility of an integration test project used to catch bugs in the development stage of a stock position keeping system utilized by investment bankers.

MIT Lincoln Laboratory Computing and Analytics Intern *May 2013 – Aug 2013*
Lexington, MA
- Contributed to a big data project by creating a tool to automatically collect new data daily, writing MapReduce jobs to perform analysis on the data set, and implementing new features in a web-based visual tool used to view and analyze the data set.

Computing Experience **Programming Languages (in order of proficiency):** Java, C++, C, Python, JavaScript
Experience with: HTML, CSS, SVN, Git, Spring, Maven, Eclipse, MapReduce
Notable Projects:
- RPC Generate: Remote Procedure Call proxy and stub generator (C++)
- LRFCP: File Copy Protocol Client and Server, demonstrates End-to-End Principle (C++)
- RedditRocks: Spotify Playlist Generator based on popular music subreddits (Python)
- Image Compressor: Utilizes Discrete Cosine Transform, outperformed reference implementation with respect to image preservation (C)
- Squarified Treemaps and Force-Directed Node Link Diagram implementations (Processing)

Academic Honors *Summa Cum Laude*
Tufts University Dean's List, All Semesters

Coursework Data Structures, Machine Structure and Assembly Language Programming, Internet-Scale Distributed Systems, Programming Languages, Visualization, Discrete Mathematics, Calculus II, Linear Algebra, Algorithms, Computation Theory, Web Programming, Concurrent Programming, Operating Systems

Activities **Tufts University Men's Club Fencing Team** *Oct 2011 – Dec 2014*
- Men's Team Captain and Epee Squad Captain