

## Robert W. Ruenes

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**Information** Email: [robruenes@gmail.com](mailto:robruenes@gmail.com)  
Web: <http://robruenes.com>

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

**Teaching Assistant at Tufts University** *Sept 2012 - May 2015*  
Medford, MA  
- Ran office hours and graded for: Programming Languages, Internet-Scale Distributed Systems, Machine Structure and Assembly Language Programming.

**Software Development Intern at Galatea Associates** *June 2014 - Dec 2014*  
Somerville, MA  
- Completed development and improved extensibility of an integration testing project used to catch bugs during development of a stock position keeping system for investment bankers.

**Computing and Analytics Intern at MIT Lincoln Labs** *May 2013 - Aug 2013*  
Lexington, MA  
- Contributed to a big data project by writing a data ingestion pipeline including automatic downloads of GDELT updates and MapReduce jobs to analyze the data.  
Additionally implemented new features in a web-based visual tool used by analysts to inspect the data set.

**Education** **Tufts University** *Graduated February 2015*  
B.S. in Computer Science, Summa Cum Laude  
Cumulative GPA: 3.94

**Computing Experience** **Programming Languages:** Java, JavaScript, Python, C, C++, Erlang  
**Experience with:** HTML5, CSS3, Git, Subversion, MapReduce, Spring, Maven  
**Notable Academic and Personal Projects:**  
- RPC Generate: Remote Procedure Call proxy and stub generator (C++)  
- LRFCP: File Copy Protocol Client and Server, demonstrating 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)

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