Robert W. Ruenes

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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 Note Link Diagram implementations (Processing)

Activities

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