

# Joseph D. Batchik

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OBJECTIVE	To secure a 2015 summer internship in the field of computer science.	
EXPERIENCE	<p><b>Google</b> - New York, NY Summer 2014 SRE Engineering Practicum Intern <a href="http://google.com/">http://google.com/</a> Worked on load testing infrastructure and implemented performance increases in multiple systems as a site reliability engineer. Languages / tools used: Java, Python, various Google data stores.</p> <p><b>Amazon</b> - Seattle, WA Spring 2014 Software Developer Engineer Intern <a href="http://amazon.com/">http://amazon.com/</a> Worked with various Amazon cloud products such as Cloud-Search, SNS, and SQS to develop an internal search tool for the Enterprise Data Warehouse team. Languages / tools used: Java, various AWS products</p> <p><b>John Hopkins University Applied Physics Lab</b> - Laurel, MD Summer 2013 Engineering Intern <a href="http://jhuapl.edu/">http://jhuapl.edu/</a> Implemented a sensor management system used to control and collect data from multiple telescopes remotely. Languages / tools used: Java, ant, svn, SQL, Google Protocol Buffers.</p> <p>Additional prior summer internships: <b>Six3 Systems, Inc.</b> - Fulton, MD Summer 2012 - <a href="http://six3esd.com">http://six3esd.com</a> <b>SRA International</b> - Columbia, MD Summer 2012 - <a href="http://sra.com">http://sra.com</a> <b>RTGX - Ross Technology, Inc.</b> - Baltimore, MD Summer 2011 - <a href="http://rtgx.com">http://rtgx.com</a> <b>Computer Science Corporation</b> - Hanover, MD Summer 2011 - <a href="http://csc.com">http://csc.com</a></p>	
EDUCATION	<b>Rochester Institute of Technology</b> - Rochester, NY September 2012 - Present <ul style="list-style-type: none"><li>Major: Computer Science, Minor: American Politics</li><li>Dean's List (3.6 GPA)</li><li>Expected graduation: May 2016</li></ul>	
TECHNICAL SKILLS & CERTIFICATIONS	<p><b>Languages</b> (a) Python (b) Java (c) HTML / CSS (d) Ruby (e) Go</p> <p><b>Tools</b> (a) git (b) svn (c) vim (d) rails (e) postgresSQL (f) Google Protocol Buffers</p> <p><b>Certifications</b> (a) Cloudera Certified Developer for Apache Hadoop, 2012</p>	
SELF-DIRECTED PROJECTS	<p><b>Sys Mon:</b> Developed a system monitoring tool in Ruby to monitor load average, memory usage, and IO. All the log data is viewable through a web interface with graphs over time.</p> <p><b>Github Stats:</b> Create a data analyzer in Go to determine the language usage of repositories on GitHub. This showed the connections between various languages and usage over time. This data analyzer was set up in a distributed manner using RabbitMQ.</p> <p><b>LDAP Profiles:</b> Created a Ruby on Rails web server that is a web interface to LDAP servers. It uses SASL authentication with WebAuth to provide security.</p> <p><b>Mobile News:</b> Wrote an Android application to allow users to read and edit the Computer Science Houses internal news network on a native application.</p> <p><b>Housing Site:</b> Designed a Python web server to allow for room registration for future room assignments for members of the Computer Science House.</p>	
AWARDS	<p><b>Maryland Math Engineering Science Achievement:</b> Won 1st place in both regional and state level competitions for developing a maze traversal algorithm in Python.</p> <p><b>Website Excellence Award, FIRST Robotics:</b> Developed and maintained an award-winning website for my school's FIRST robotics team.</p>	
CLUBS & ACTIVITIES	<p><b>CSH (Computer Science House):</b> An organization at RIT that provides a living and learning environment with access to unique facilities and hands-on learning, all in a social environment.</p>	