

# Joseph D. Batchik

## OBJECTIVE

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To secure a co-op position for the summer of 2015.

## WORK EXPERIENCE

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SUMMER 2014 - NEW YORK, NY

Google

*Engineering Practicum Intern* <http://google.com>

Worked on load testing infrastructure and implemented performance increases as a site reliability engineer. Languages / tools used: Java, Python, various Google datastores.

SPRING 2014 - SEATTLE, WA

Amazon

*Software Developer Engineer Intern* <http://amazon.com>

Worked with various Amazon cloud products such as CloudSearch, SNS, and SQS to develop an internal search tool for the Enterprise Data Warehouse team. Languages / tools used: Java, various AWS products

SUMMER 2013 - LAUREL, MD

John Hopkins University Applied Physics Lab

*Summer Intern* <http://jhuapl.edu>

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.

SUMMER 2012 - FULTON, MD

Six3 Systems, Inc.

*Summer Intern* <http://six3esd.com>

Worked on a team developing a course to teach employees about big data solutions such as Hadoop, HBase, etc. Languages / tools used: Java, Hadoop, Eclipse, HBase

SUMMER 2012 - COLUMBIA, MD

SRA, International

*Summer Intern* <http://sra.com>

Worked on developing software to monitor server rooms' downtime and dealt with data backups.

SUMMER 2011 - BALTIMORE, MD

RTGX - Ross Technology, Inc.

*Summer Intern* <http://rtgx.com>

Worked with fellow system administrators to run the main offices.

SUMMER 2011 - HANOVER, MD

Computer Science Corporation

*Summer Intern* <http://csc.com>

Worked on a thin client lab setup used in demonstrations to various government agencies.

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## EDUCATION

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2012 - 2016 **Rochester Institute of Technology**  
COMPUTER SCIENCE MAJOR  
*Dean's List (3.60 GPA)*  
Rochester, New York

## SKILLS & CERTIFICATIONS

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Languages	Python, Java, HTML/CSS, Ruby, Go
Certifications	Cloudera Certified Developer for Apache Hadoop, 2012
Tools	git, svn, vim, rails, PostgreSQL, Google Protocol Buffers, perforce

## SELF-DIRECTED PROJECTS

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**Mobile News:** Wrote an Android application to allow users to read and edit the Computer Science House's internal news network on a native application.

**Housing Site:** Designed a Python webserver to allow for room registration for future room assignments for members of the Computer Science House.

**LDAP Profiles:** Created a Ruby on Rails web server that is a web interface to LDAP servers. It uses SASL authentication with WebAuth to provide security.

## AWARDS

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**2012 - Maryland Math Engineering Science Achievement**

Won 1st place in both regional and state level competitions for developing a maze transversal algorithm in python.

**2012 - Website Excellence Award, FIRST Robotics**

Developed and maintained an award winning website for my school's FIRST robotics team.

## CLUBS & ACTIVITIES

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CSH (Computer Science House) <http://csh.rit.edu>  
An organization at RIT that provides a living and learning environment with access to unique facilities, hands-on learning, all in a social environment.

Robotics Team 2537 <http://first.raidtech.net>  
Was part of a robotics team in which I built and maintained the team's award winning website.