

# Joseph D. Batchik

## WORK EXPERIENCE

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 in a group developing a course for employees to learn 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 demonstration to various government agencies.

## CLUBS & ACTIVITIES

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.

US FIRST 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.

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## EDUCATION

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

## SKILLS & CERTIFICATIONS

Languages Java, Python, HTML/CSS,  
Ruby, Go, C

OS Arch, Red Hat, Ubuntu,  
Windows 7 / 8

Concepts Hadoop, SQL,  
Android development,

Certifications Cloudera Certified Developer  
for Apache Hadoop, 2012

Tools git, svn, ant, vim, eclipse, rails  
Google Protocol Buffers

## PROJECTS

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

**CSH Hosing Site:** A Python webserver to allow for room registration for future room assignments for members of the Computer Science House.

**CSH Profiles:** A Ruby on Rails web server that is a interface to the LDAP servers that are used to store user information. Uses SASL authentication with WebAuth to provide security.

## AWARDS

**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.