

# Joseph D. Batchik

## WORK EXPERIENCE

SUMMER 2013 - LAUREL, MD

John Hopkins University Applied Physis 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 about big data solutions such as Hadoop, HBase, etc. Languages / tools used: Java, Hadoop, Eclipse, HBase, Accumulo.

SUMMER 2012 - COLUMBIA, MD

SRA, International

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

Worked on developing software to monitor server rooms' downtime and issues. Also assisted with data backups and data protection. Languages / tools used: Python web servers, svn.

SUMMER 2011 - BALTIMORE, MD

RTGX - Ross Technology, Inc.

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

Worked with fellow system administrators to run the main offices. Worked with various wireless routers and computer hardware to provide support to other employees.

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. Worked with other engineers to maintain a server room and keep it functioning. Languages / tools used: VMWare, thin clients

## CLUBS & ACTIVITIES

CSH (Computer Science House) <http://csh.rit.edu>

An organization at RIT that provides a living and learning enviroment with access to unique facilities, hands-on learning, all in a social enviroment.

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 (3.65 GPA)*

Rochester, New York

## SKILLS & CERTIFICATIONS

Languages java, python, HTML

Operating Systems Various Linux distributions,  
Windows XP / 7 / 8

Computer Concepts Hadoop, SQL,  
Android development,  
Regular Expressions

Certifications Cloudera Certified Developer  
for Apache Hadoop, 2012

Tools git, svn, ant, vim, eclipse,  
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:** Wrote a python webserver to allow for room registration for future room assignments for members of the Computer Science House.

**Wiki Racing:** Wrote a python webserver that would find the shortest path between any two articles on Wikipedia by only clicking on links on the page.

## 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.