

# Joseph D. Batchik

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## CONTACT INFORMATION

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## EDUCATION

**Rochester Institute of Technology** - Rochester, NY

2012 - Present

- Computer Science Major
- Dean's List (3.65 GPA)

## EXPERIENCE

**John Hopkins University Applied Physics Laboratory** - Laurel, MD Summer 2013  
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.

**Six3 Systems, Inc.** - Fulton, MD

Summer 2012

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.

**SRA, International** - Columbia, MD

Summer 2012

Summer Intern

<http://sra.com/>

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

**RTGX - Ross Technology, Inc** - Baltimore, MD

Summer 2011

System Administration 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.

**Computer Science Corporation** - Hanover, MD

Summer 2011

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.

## TECHNICAL

## SKILLS &

## CERTIFICATIONS

**Fluent Languages** (a) Java (b) Python

**Operating Systems** (a) Various Linux distributions (b) Windows XP / 7 / 8

**Computer Concepts** (a) Hadoop (b) Android Development (c) SQL (d) Regular Expressions

**Certifications** (a) Cloudera Certified Developer for Apache Hadoop, 2012

**Tools** (a) git (b) svn (c) ant (d) vim (e) eclipse (f) Google Protocol Buffers

## PROJECTS

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

**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

## CLUBS & ACTIVITIES

CSH (Computer Science House)

<http://www.csh.rit.edu/>

US FIRST Robotics Team 2537 - Lead website developer

<http://first.raidtech.net/>

HONORS &  
AWARDS

- 1st Place, Maryland Math Engineering Science Achievement - Cyber Competition, 2012
- Developed maze transversal software, which won 1st place at a regional & state competition
- Website Excellence Award, FIRST Robotics 2012
- Built and maintained an award winning website