

Joseph D. Batchik

OBJECTIVE

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

WORK EXPERIENCE

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 data stores.

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

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

SKILLS & CERTIFICATIONS

| | |
|----------------|---|
| 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

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 web server 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

2012 - Maryland Math Engineering Science Achievement

Won 1st place in both regional and state level competitions for developing a maze traversal 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

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.