Joseph D. Batchik

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 in Google SRE software. 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 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 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 delt 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.

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, C
Certifications	Cloudera Certified Developer for Apache Hadoop, 2012
Tools	git, svn, vim, rails, postgreSQL, Google Protocol Buffers, perforce

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 Housing 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 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 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

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.

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.