Joseph D. Batchik

Work Experience

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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.

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
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.