Samuel McKay

sam.mckay95@gmail.com - 718 614 3077 - http://github.com/smckay

Education

2013-Present	**Stony Brook University** *Stony Brook, New York, USA* Expected Graduation: May 2017 Bachelor of Science in Computer Science
2009-2013	**Stuyvesant High School** *Manhattan, New York, USA*

Skills

Java - MIPS

Relevant Courses

Fall 2015	**Analysis of Algorithms** Mathematical Analysis of a variety of computer algorithms.	
Fall 2015	**Systems Fundamentals I** Assembly level programming in MIPS and essential concepts of computer organization and architecture.	
Spring 2015	**Computer Science III** Application of the skills from Computer Science I and Computer Science II to the construction of robust programs of 1000 to 2000 lines of source code.	
Fall 2014	**Computer Science II** Data structures and sorting algorithms in Java.	
Fall 2013	**Computer Science I** Procedural and object oriented programming in Java.	

Projects

Spring 2015	**Wolfieball Draft Kit** Designed and implemented a Java application to run alongside Fantasy Baseball that helps players make informed decisions in the drafting process. Data is read in through json files and presented in numerous interactive tables to present useful statistics.	
Spring 2015	**Liftr @ HackNY** Worked with team on iOS app designed to match gym-goers with like-minded workout partners.	
Spring 2015	**MIPS Mower** Game written in MIPS that reads in .map files and represents them as a board with a lawn mower. Player moves lawn mower around while avoiding obstacles.	