

**Programming Skills:**

Programming Languages:	PHP 4/5 (3 yrs.), ActionScript 2/3 (3 yrs)
Database:	MySql 5, Oracle 10g, Oracle Enterprise Manager, SQL
Web Technologies:	JavaScript, AMFPHP, XML, AJAX, HTML, CSS, GD, Flash Com Server, Red 5
Development Software:	FLEX 2/3 IDE, Flash8/CS3 IDE, Zend Studio, Eclipse IDE
Graphic Design Technologies:	Adobe CS3
Operating Systems:	Windows XP/Vista/2000, OS X, Linux.

**Work Experience:**

**PHP Programming Intern – Hauptman Woodward Medical Institute** – Responsible for the development and implementation of a fully functional back end system to log various scientific experiments. Worked closely with a team of 3 additional programmers along with 10 scientists to ensure that all data was properly obtained and represented. Other responsibilities included debugging, and PHP4 to PHP5 conversions. Technologies included PHP 4/5, CSS, JavaScript, AJAX, HTML, SQL, MySQL.  
*(April 2006 – August 2006, May 2007 – August 2007)*

**Teaching Assistant – Rochester Institute of Technology** – Responsible for managing and assisting students in understanding ActionScript 3 and the Flash CS3 IDE. Responsibilities include tutoring students in and outside of the classroom, debugging, troubleshooting student’s code, assisting professors teaching, proctoring exams, and creating examples to exemplify various programming concepts. Technologies include ActionScript 3, Flash CS3 IDE, XML.  
*(September 2007 – December 2007)*

**PHP Programmer – Residence Life at Rochester Institute of Technology** – Accountable for the maintenance and growth of a partially developed website. Responsibilities include debugging pre-existing code, communicating with individuals from different departments to gather needs for site expansion, and re-design of the pre-existing database. Technologies included PHP 5, CSS, JavaScript, AJAX, HTML, SQL, MySQL.  
*(December 2006 – May 2007)*

**Community Advocate – Rochester Institute of Technology** – Supervised over 400 students, helped with daily questions and activities. Responsibilities include managing student conflicts, coordinating events for several hundred students, acting as a student advocate, and serve as a resource for students in trouble. Also during ‘duty calls’ act as a crisis response resource, during this time I responded to on campus emergencies such as mental health disorders, alcohol and drug issues, roommate conflicts and theft.  
*(August 2006 – Current)*

**Educational Opportunity Program (EOP) Tutor – State University of New York** – Responsible for supervising and assisting students working on Multimedia projects written in ActionScript 2, HTML and CSS. Provide insight on coding techniques, and how to handle various issues. Technologies included ActionScript 2, Flash 8 IDE, XML, HTML, CSS.  
*(April 2005 – May 2006)*

**Setup Supervisor – State University of New York** – Supervised 5 to 6 workers in the setup and break down of daily events. Facilitated obtaining the setup plans from the client, executing the plans in the pre-set time allotted for the event, and breaking down the event after it has come to fruition. Also, I was involved in the process of hiring and firing employees. Responsibilities also included talking with clients to confirm that their set up details are correct, following through with clients to confirm that things went according to plan. Covering when workers could not make a certain setup or break down.  
*(December 2002 – May 2006)*

**Project Experience:**

**Data Logging** – Designed and implemented a robust and customizable framework and Database that logs user activities on forums, changes to the user profiles, and users to user interactions. Also there are custom functions for displaying all the information that is stored by this system. Project utilizes PHP 5, MySQL, JavaScript.

**Menuing System** – Developed a robust menuing system. This application grabs data from a remote server via XML and builds a dynamic menuing system for the user. The system was built in Flex, then ported over to AIR for desktop distribution. Project utilizes AIR, Flex (ActionScript3), XML, PHP.

**Performance and Tuning** – 10 week class where we researched and implemented numerous ways to optimize an Oracle Database. Looked at various hardware configurations, and software configurations. Also spent 2 weeks studying and implementing various ways to optimize SQL queries, creating different types of indexes, and seeing how they work together. Project utilizes SQL, Oracle, Oracle Enterprise Manager, and ERwin.

**Fist Of Fury** – Lead developer for a small scale Flash (ActionScript 2) based MMO. Fist of Fury is a networked, data driven game that does NOT use Flash Com or Red5 servers. Users can chat, move and act in real time. Project utilizes ActionScript2, PHP5, AMFPHP, MySQL.

**Education:**

Master of Science in Information Technology  
Rochester Institute of Technology  
Rochester, NY, Expected Graduation, End of May 2008.

Bachelors of Science in Computer Information Systems  
State University of New York  
Buffalo, NY, May 2006

**References:** Available upon request.

**Availability:** Available after June 8<sup>th</sup> 2008