

# Michael A. Speth

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<b>Objective</b>	To obtain a computer engineering position in the field of computer systems	
<b>Education</b>	<b>Clemson University</b>	2002–2005
	M.S. in Computer Engineering. <i>Emphasis:</i> Computer System Architecture. <i>GPA:</i> 3.60/4.00.	
	<b>Clemson University</b>	1998–2002
	B.S. in Computer Engineering. Cum Laude with General Honors. <i>GPA:</i> 3.58/4.00.	
<b>Research Experience</b>	<b>Clemson University – Parallel Architecture Research Lab</b>	<b>Clemson SC</b>
	<i>Research Assistant:</i>	2002–2005
	Conducted research for Dr. Walt Ligon in the area of Fault Tolerance and Redundancy for Parallel File Systems.	
<b>Related Projects</b>	<b>PFSS</b>	Tool for analyzing parallel file systems which can be utilized to analyze redundancy schemes (thesis work)
	<b>BNR</b>	Redundancy library for the Parallel Virtual File System (PVFS)
	<b>PVFS_FT</b>	Fault tolerant interface to the Parallel Virtual File System
	<b>JPVFS</b>	Java implementation of the client for the Parallel Virtual File System
	<b>IRiverGUI</b>	File System Browser designed to work with irregular file systems such as mp3 players and parallel file systems
	<b>SW_VR_RT</b>	Virtual reality project utilizing the Java3D API that enables users to use a light saber in the virtual world to be graded on their wielder's ability to defend themselves against training remotes
	<b>H2HC Trailer</b>	3D animated movie developed in Maya 4.5 showcasing a battle between two opponents in which only one can survive
	<b>XDVR</b>	Digital video recording program for the GNU/Linux OS similar to the TiVo
	<b>DOG</b>	Self Ordering System modeled for the fast food environment
<b>Awards</b>	Completion of Calhoun Honors College general (2002).	
<b>Activities</b>	Phi Sigma Pi honors fraternity, National Society of Collegiate Scholars (Charter Member), Clemson University Orchestra (Principle Trombone), Clemson University Men's / Women's Basketball Pep-Band, Clemson University Paintball Club (Co - Founder)	