

Objective	A full-time software engineering position at a leading technology company.		
Education	Villanova University BS Computer Science		May 2011
Professional	Google		Software Engineer
	Summer of Code - The Tor Project		Summer 2010
	Successfully participated in Google's open-source student program to develop a database driven back-end for the Tor Metrics Portal to track statistics, publish data, and create visualizations for the entire Tor network. I also helped to create a more dynamic and interactive website. The technologies included PostgreSQL, GNU R, ggplot2, Apache Tomcat, and Java J2EE.		
	http://metrics.torproject.org http://github.com/kjbbb/metrics-web , http://github.com/kjbbb/metrics-db		
	ESI Medical		Software Engineer
	Belmar, NJ		Summer 2009
	Created complete registration and scheduling portal web app for administrators and employees for flu clinics. It is currently used by hundreds of employees to upload and encrypt documents, track payroll, and register for times and locations. The technologies included PHP, Apache, MySQL, imagemagick, and Javascript (jQuery).		
	http://esimedical.com/vcr		
	Alliant Managed Services		Software Engineer
	Morristown, NJ		Fall 2010
	Created internal web application to keep track of managed systems for their clients. Technologies included PHP, Apache, SOAP, CodeIgniter, and JavaScript (jQuery).		
Other Projects	Distributed Computing via the Browser		Fall 2009
	Created a demo and published a paper for a research class which involved collaboratively reverse hashing a hidden list of words by using the processing power of the people currently browsing the website.		
	Sprite Cutter		Spring 2009
	Developed an application for a software engineering class in C++ to accept an image file, find the discrete images and sections within it (usually a sprite sheet), and publish the images and vectors in a useful format. Based on the OpenCV image processing library.		
Skills	http://github.com/kjbbb/spritecutter-web		
	Programming Languages: Java, C, C++, PHP, SQL, PL/SQL, Python, Ruby, R, Scheme, Bash, JavaScript		
	Libraries and Tools: Vim, Git, Subversion, ggplot2, Rserve, Apache, Apache Tomcat, J2EE web, LaTeX, GCC, CodeIgniter, PostgreSQL, MySQL, Oracle, Unix Utilities, SSH, cURL		
	Operating Systems: Linux (various flavors), familiarity with BSD, Windows, OSX		
Activities	Elected Captain, Treasurer, and President of Villanova Alpine Ski Team		
	Elected Captain Rumson Fair-Haven Cross Country Team		
	Elected Captain Rumson Fair-Haven Indoor Track Team		
Course Work	Algorithms 1, 2	Data Structures 1, 2	Theory of Computation
	Software Engineering	Research Topics	Programming Languages
	Statistics	Calculus 1, 2	Discrete Structures
	Databases	Operating Systems	Logic
	Unix Development		