

Kevin Berry

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Objective	A full-time software engineering position at a leading technology company.	
Education	Villanova University BS Computer Science	May 2011
Professional	Google Summer of Code - The Tor Project Successfully developed a new 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. http://metrics.torproject.org http://github.com/kjbbb/metrics-web , http://github.com/kjbbb/metrics-db ESI Medical Belmar, NJ 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. http://esimedical.com/vcr Alliant Managed Services Middletown, NJ Created internal web application to keep track of managed systems for their clients.	Summer 2010 Software Engineer Summer 2009 Software Engineer Fall 2010
	Various Establishments Jersey Shore Area Bussed tables at <i>Hook, Line & Sinker</i> and <i>Sea Bright Beach Club</i> . Kept the places clean and the cutomers happy.	Bus Boy 2004-2008
Other Projects	Distributed Computing via the Browser Created a demo and published a paper for a research class which involves collaboratively reverse hashing a hidden list of words by using the processing power of the people currently browsing the website. Sprite Cutter Developed a CGI 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. http://github.com/kjbbb/spritecutter-web	Fall 2009 Spring 2009
Skills	<i>Programming Languages:</i> Java, C, C++, PHP, SQL, PL/SQL, Python, Ruby, R, Scheme, Bash, JavaScript <i>Libraries and Tools:</i> Vim, Git, Subversion, ggplot2, Rserve, Apache, Apache Tomcat, J2EE web, LaTeX, GCC, CodeIgniter, PostgreSQL, MySQL, Oracle, Unix Utilities, SSH, cURL <i>Operating Systems:</i> Linux (various flavors), Windows, OSX	
Activities	<i>Elected Captain, Treasurer, and President of Villanova Alpine Ski Team</i> <i>Elected Captain Rumson Fair-Haven Cross Country Team</i>	

Elected Captain Rumson Fair-Haven Indoor Track Team

Course Work	Algorithms	Data Structures	Theory of Computation
	Software Engineering	Research Topics	Programming Languages
	Statistics	Calculus	Discrete Structures
	Databases	Operating Systems	Logic
	Unix Development		

Grades	<i>3.31 CS GPA</i>
	<i>Dean's List 2010</i>