

Kevin Berry

kevin.berry@villanova.edu
<http://kjb.homeunix.com>

Objective	A full-time software engineering position in a leading technology company.	
Education	Villanova University BS Computer Science	May 2011
Professional	Google Summer of Code - The Tor Project 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, 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. 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.	Summer 2010 Software Engineer Summer 2009 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. http://kevinjberrry.com/research 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	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, some Darwin	
Activities	<i>Elected Captain Villanova Alpine Ski Team</i> <i>Elected Captain Rumson Fair-Haven Cross Country Team</i> <i>Elected Captain Rumson Fair-Haven Indoor Track Team</i>	

Course Work

Algorithms
Software Engineering
Statistics
Databases

Data Structures
Research Topics
Calculus
Operating Systems

Theory of Computation
Programming Languages
Discrete Structures