

# Kevin Berry

---

2 South Rohallion Drive, Rumson, NJ 07760  
kevin.berry@villanova.edu  
<http://kjb.homeunix.com>  
732-492-1206

<b>Objective</b>	A full-time software engineering position in a leading technology company.	
<b>Education</b>	<b>Villanova University</b> BS Computer Science	May 2011
<b>Professional</b>	<b>Google</b> 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. <a href="http://metrics.torproject.org">http://metrics.torproject.org</a> <a href="http://github.com/kjbbb/metrics-web">http://github.com/kjbbb/metrics-web</a> , <a href="http://github.com/kjbbb/metrics-db">http://github.com/kjbbb/metrics-db</a>  <b>ESI Medical</b> 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. <a href="http://esimedical.com/vcr">http://esimedical.com/vcr</a>  <b>Alliant Managed Services</b> 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
	<b>Various Establishments</b> Jersey Shore Area Bussed tables at <i>Hook, Line &amp; Sinker</i> and <i>Sea Bright Beach Club</i> . Kept the places clean and the cutomers happy.	Bus Boy 2004-2008
<b>Other Projects</b>	<b>Distributed Computing via the Browser</b> 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.   <b>Sprite Cutter</b> 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. <a href="http://github.com/kjbbb/spritecutter-web">http://github.com/kjbbb/spritecutter-web</a>	Fall 2009     Spring 2009
<b>Skills</b>	<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	
<b>Activities</b>	<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*

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

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