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

Objective

A full-time software engineering position in a leading technology company.

Education Villanova University

May 2011

BS Computer Science

Professional

Google

Summer of Code - The Tor Project

Summer 2010

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 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.

http://esimedical.com/vcr

Alliant Managed Services

Software Engineer

Middletown, NJ Fall 2010

Created internal web application to keep track of managed systems for their clients.

Various Establishments

Bus Boy

Jersey Shore Area

2004-2008

Bussed tables at *Hook, Line & Sinker* and *Sea Bright Beach Club*. Kept the places clean and the cutomers happy.

Other Projects

Distributed Computing via the Browser

Fall 2009

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://kevinjberry.com/research

Sprite Cutter Spring 2009

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://qithub.com/kjbbb/spritecutter-web

Skills

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), Windows, OSX

Activities

Elected Captain Villanova Alpine Ski Team

Elected Captain Rumson Fair-Haven Cross Country Team Elected Captain Rumson Fair-Haven Indoor Track Team