James M. Harney

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2880 Linda Lane
West Lafayette, IN 47906

EDUCATION

Bachelor of Science, Computer Graphics, December 2001
Purdue University, West Lafayette, IN

SUMMARY

My major strength is to improve workflows using automation. I am very good at understanding specific data manipulation and retrieval requests, and converting them into easy and accessible client- or web-based data dashboards using a wide variety of software and multiple OS platforms.

WORK EXPERIENCE

School Datebooks Inc., Lafayette, IN   **June 2002 - Present**
System Administrator, Applications Developer

- **Server Administration -** At various times, was either solely responsible for or shared responsibility for the configuration, security and management of Windows Server 2003, MSSQL, Exchange, Active Directory and Backup Exec servers. I am experienced in Debian, Ubuntu, Redhat and Gentoo Linux administration.
- **Software Development -** Responsible for the development and maintenance of mission critical end to end software solutions that form the process and informational foundation for the company. Some examples are:
  - **The Prometheus Project**, a web-based database frontend dashboard application that acts as the single interface for:
    - Customer Relations Management (CRM)
    - Data entry forms
    - Extensive reporting
    - T-sql backend queries, stored procedures
    - Process and workflow
    - Cost and inventory analysis
    - Employee expense and reimbursement tracking
    - Specialized calendar data importing
  - **The Choices Wizard Project**, a database driven wizard style web application that collects and compiles end-user product configuration choices
  - **The Windows Services Project**, a back end process workflow that:
    - Pre-prepares and consolidates invoices for multiple vendors
    - Reduces payment turnover time
    - Acquires telephone system data
    - Performs network file system maintenance
    - Intelligently creates file system structures based on database values
    - Performs database maintenance
    - Refreshes db views
    - Checks for specific problems on specific types of db records
    - Updates state tax exemption information
    - Acts as the major process management email notification system
  - **The Marketing Web Site Project** that helps users with:
    - File management
    - Web standards
    - Visual design
  - **Internal Technical Support**
    - Administered ~50 workstations, ~20 laptops running a mixed environment of Windows 2000/XP, Gentoo/Red Hat GNU/Linux

Purdue University, Lafayette, IN   **January 2001 - January 2002**
Residence Hall Counselor

James M. Harney

General Motors Powertrain, Ypsilanti, MI   **May 2000 - August 2000**
Web Application Developer Intern
- Designed and developed an internal scheduling web application
- Designed front end html layout, interface graphics and icons
- Developed back end JavaServer Pages (JSP) over an Oracle database

Microsoft Corp., Redmond, WA   **May 1999 - August 1999**
Software Test Engineer
- Participated as full-time intern for the Microsoft Office Team

Purdue University, Lafayette, IN   **January 1997 - May 1999**
Computer Science TA, Computer Graphics TA

Purdue University, Lafayette, IN   **August 1998 - May 1999**
Computer Lab Consultant

School Datebooks Inc., Lafayette, IN   **May 1998 - August 1998**
Desktop Publisher
- School handbook and calendar layout

HONORS AND ACTIVITIES

Volunteer, Read to Succeed program   **August 2013 - May 2015**
(http://www.readtosucceedgreaterlafayette.org)

Admin of ICAFF SourceForge.net project   **August 2005 - April 2008**
ICAFF is a bash shell script released under the GPL that manages input and output of audio processing applications.
(http://sourceforge.net/projects/icaff)

Original Image Published   **January 2002**
Square Wheels. San Francisco, California: The Exploratorium. Rathjen, D. and Doherty, P. (2002) (http://www.exploratorium.edu)

Member of Purdue Linux Users Group (PLUG)   **August 1999 - May 2001**

Member of Alpha Student Chapter of ACM SIGGRAPH   **October 1998 - May 2001**
(http://www.purduesiggraph.com)

Boiler Gold Rush Team Leader   **August 1999 - August 1999**
(https://www.purdue.edu/studentsuccess/orientation/bgr/)

Member, Executive Council Purdue University   **January 1997 - May 1997**

References available upon request