

EXPERIENCE

Purdue University, West Lafayette, IN

Senior Software Developer

April 2008 – present

- Served as Interim Manager of Software Development for four months
- Mentored other developers on programming best practices
- Lead team on technology choices and direction
- Integrated systems from other departments into applications
- Major Projects:
 - Application for Freshmen at Purdue to contract for Housing online
 - Website for parking passes and lofts to be ordered using a credit card
 - Online application/interview process for students to apply to be a Resident Assistant
 - Mobile iPhone application for accessing Dining Hall Menus
- Technologies Used: Objective-C, Cocoa, C#, ASP.NET MVC, WCF, IIS7, SQL Server, Visual Studio 2010, Subversion

Ron Paul 2008 Presidential Campaign Committee

Indiana State Coordinator

October 2007 – March 2008

- Coordinated volunteers and professional petition gatherers statewide
- Made sure all involved followed the complex requirements for ballot access

Purdue University, West Lafayette, IN

Senior ResNet Computer Consultant

November 2005 – August 2007

- Provided network support for over 11,000 Purdue students living in University Residences
- Organized and performed a complex server migration
- Developed an extensively used knowledge management system (<http://kb.resnet.purdue.edu/>)
- Maintained in-house issue tracking software (<http://trams.resnet.purdue.edu/>)
- Lead development on a project to help residents track their bandwidth usage
- Technologies Used: PHP, Perl, Python, Apache, MySQL, Subversion, Linux

Edward Rose of Indiana, Indianapolis, IN

Managed Information Services Technician

July 2001 – December 2003

- Developed a Linux based traffic shaping solution for residential broadband internet
- Created custom applications for business automation
- Supported computer systems spread over three states
- Technologies Used: C++, WinAPI, Crystal Reports, Windows 2000, Linux

EDUCATION

Purdue University, West Lafayette, IN

B.S. Computer Science

In Progress

VOLUNTEER WORK

FIRST Robotics

Boilermaker Regional Planning Committee

August 2011 – present

- Participated in planning and coordinating a high school robotics competition on the main campus of Purdue University

Staff Advisor for Purdue FIRST Programs

April 2008 – present

- Advised a Purdue University student organization involved in mentoring students for the FIRST Robotics Competition

Electronics/Programming Mentor on Team 1646

September 2006 – present

- Mentored a team of high school students on embedded programming and robotics

Boy Scouts of America

Assistant Scoutmaster in Troop 396

2004 – 2006

- Taught Computers and Citizenship in the Community/Nation/World merit badges