Ned N. Bingham

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Career Objective

Employment in the Computer/Information Technology Industry as a System/Network/Database Administrator or Programmer in an encouraging and growing work environment.

Education

Earlham College — Richmond, IN — 1997 – 2002

Bachelor of Arts – Computer Science

- Computer Science courses focused on Applied Computer Science.
- Coursework included research and work with Parallel/Distributed Computing, Artificial Intelligence, Robotics and Systems Programming along with the core Computer Science courses.
- Liberal Arts Degree included courses in the Humanities, Fine/Performance Arts, Social Science, Religion, Philosophy and the Natural Sciences.

Work Experience

Best Buy — Virginia Beach, VA — 11/12/2003 – Present

Seasonal Sales Associate - Computers

- Interacted with customers who came to the store looking for computer hardware, peripherals, and accessories.
- Worked with the customer to find the complete computer solution for their needs, at times configuring a custom built computer for them.
- Participated in the fast paced sales environment which occurs in a large retailer during the holiday retail season.

Earlham College – Computing Services Department — Richmond, IN — 10/2001 – 8/2002

Database Programmer

- Researched, designed, developed and implemented a Web Based Network Management Tool with a PostgreSQL database back-end to aid in the active configuration of new computers on the campus network. The utility also assisted in the management of computers already present on the network and is still in active use at Earlham.
- Interfaced with a preexisting Oracle database to obtain required information about users.
- Worked with the on-site Systems and Network Administrators in order to make the transition to the new system as error free as possible while providing all of the necessary functionality.
- Provided emergency Systems/Network Administration services when/where the need arose.

Earlham College – Computer Science Department — Richmond, IN — 5/2000 – 5/2002

Systems & Network Administrator

- Participated as a member of a team of students responsible for managing a hybrid network of 30+ Linux Workstations (Faculty & Lab Workstations), 2 Multi-Node Beowulf Clusters (Parallel Computing Clusters), 3 UNIX/Linux Servers, Windows & Macintosh computers (approximately 50+ machines).
- Responsible for providing daily production level support for email, Apache HTTP/S, PostgreSQL Databases, DHCP, DNS, NIS/NFS, FTP, SSH, SAMBA, Netatalk & SystemImager (System Image propagation for the Linux Labs), along with lab and limited application support for the users. Performed hardware and software upgrades as the need for greater capacity and security arose.
- Researched and implemented the use of the System Installation Suite to assist in the synchronization of the software installed on the lab/faculty workstations. This Suite included the use of SystemImager and C3 (from ORNL) tools providing the ability to easily manage large numbers of Linux workstations.
- Interacted with users to tune the services provided so that they best suited their academic purposes.

Earlham College – Computer Science Department | Richmond, IN | 7/2001 – 9/2001

Research Fellow

- Participated in research into the implementation of the PostgreSQL database using parallel file systems.
- Worked closely with the on-site 16 node Beowulf Cluster, the Parallel Virtual File System, and benchmarking PostgreSQL performance across the cluster.

Advisory Planning Limited | Norfolk, VA | 7/1992 – 7/1997

Part-Time Consultant

- Contracted on a call basis to assist clients in their selection of appropriate computer hardware for their use at their home or small business. Included interacting with clients to determine what their needs were and how to best fit their needs.
- Purchased materials from vendors (or acquired from stock on hand) and assembled computer in timely fashion. Included the setup and configuration of Operating System and any software that was purchased.
- Delivered computers to clients and provided adequate training needed for them to successfully operate their new computer. Also provided additional training to the client as needed.

Skills

Skill Name	Skill Level	Last Used	Experience
C	Expert	May 2002	4 years
C++	Intermediate	May 2001	1 year
HTML	Expert	Currently used	4 years
Java	Intermediate	November 2000	2 years
Microsoft Products	Intermediate	Currently used	10+ years
Perl	Expert	Currently used	3.5 years
PostgreSQL	Intermediate	Currently used	3 years
Solaris	Intermediate	August 2002	1.5 year
SQL	Intermediate	Currently used	3 years
SystemImager	Expert	May 2002	2 years
Unix/Linux	Expert	Currently used	4 years

Volunteer Experience

Boy Scouts of America | Norfolk, VA

- Achieved the rank of Eagle Scout.
- Participated in numerous self and group led/organized volunteer projects between 1989 and the present.
- Have participated as a Brotherhood Member of the National Brotherhood of Scouts (Order of the Arrow) since 1996 (elected by troop).

Bennett's Creek Volunteer Rescue Squad | Suffolk, VA

- Served as an Emergency Medical Technician since 1999.
- Currently working towards elevating my certification to Emergency Medical Technician – Cardiac Technician.
- Elected EMS Captain in September of 2003. Responsible for scheduling, membership, special events and many other squad functions.

Douglas MacArthur Memorial | Norfolk, VA

- Served as a volunteer tour-guide from 1995 to 1997.

References provided on request.