

Career Summary

This resumé is available electronically at

<http://www.ncf.carleton.ca/~ac210/pak-res.pdf>

Have worked in computing environments including: Mainframe service bureau, networked micro-computer and mini-computer in both host and client-server configurations.

Within these environments:

- Have advised senior management, end-users and application designers on many aspects of computer technology including budget, performance, trouble-shooting and new products.
- Did migration of legacy systems, system design and configuration.
- Wrote RFPs and contracts for purchase and maintenance of hardware and software.
- Installed, tested and maintained a high performance and reliable computing environment for mission critical applications.

HIGHLIGHTS OF ACCOMPLISHMENTS – Treasury Board Secretariat

Comptrollership Branch

1997 to present

- Administered UNIX servers and Progress databases used for the production of the Main Estimates and other expenditure management applications.
- Designed and maintained client/server applications using the Xponent CASE tool.
- Mentored several co-op students who have moved on to successful careers.
- Webmastered five Treasury Board sites including one intranet site and sat on several departmental committees dealing with “common look and feel” and “accessibility” of web design. Currently designing an application that will store web-site design and content in a repository and generate the web pages automatically.
- Assisted consultants and management working on the “Enhancing the Expenditure Management System” project.
- Participated as technical advisor to the Planning Website Network project which will support departments in their planning practices.
- Participated as Branch rep in the Validex Year 2000 simulation exercise.
- Did Year 2000 testing, risk analysis and contingency planning of Branch’s computing platform, including managing a contract for Year 2000 experts and installing a Year 2000 test site.

Estimates Division, Program Branch

1996-1997

- Managed a successful \$300k migration project to convert applications and data from a WANG VS mini-computer to client/server using UNIX database server and Windows NT client including designing the system architecture, purchasing and installing the components.
- Administered WANG minicomputer, UNIX system and Progress database
- Hired two CO-OP students to assist in computer operations and the migration project.
- Webmastered three Treasury Board sites.
- Assisted in the departmental implementation of a Microsoft NT network and office suite.

Estimates Division, Program Branch

1986-1995

- Configured and purchased a Wang VS mini-computer and supporting peripherals and software to develop mission critical multi-user applications for which there was a user population of over 120.
- Administered the mini-computer and databases as well as all connectivity issues to the client computers and terminals.
- Configured and maintained more than 120 networked desktop computers.
- Assisted in the departmental implementation of a DEC Pathworks network.

Expenditure Analysis Division, Program Branch

1984-1986

- Participated in the selection of a computing platform to produce the Main Estimates using database and desktop publishing technology. This included the purchase and installation of a Wang VS mini-computer.
- Administered a Wang mini-computer
- Designed applications using SPEED II 4GL.

Planning Division, Program Branch

1980-1984

- APL, FORTRAN, COBOL programmer.
- Cost-benefit analysis and simulations of government programs using a variety of tools including SPSS.

Planning Branch

1974-1980

FORTRAN, SPSS, COBOL and APL programming to support econometric modelling and cost-benefit analysis

TECHNICAL SUMMARY

Hardware Platforms: Intel PC's, Intel servers, WANG VS minicomputer
Operating Systems: SCO UNIX, Linux, Windows NT 4.0/95/3.x, DOS, WANG VS
Networking/Internet: TCP/IP, HTTP, HTML, FrontPage, CGI, ODBC
Software: MS Office 97, Client/server using Progress RDMS/4GL, CASE using Xponent and S-Designor, Visio, Ventura Publisher, Adobe Acrobat/Exchange
Languages: Progress 4GL, APL, BASIC, FORTRAN, COBOL, assembler, FORTH, Unix shells

EDUCATION

1974 Computing Science Diploma, Algonquin College, Ottawa

PERSONAL INTERESTS, VOLUNTEER WORK

- Chair of Math, Science and Computer committee of the school council, Grant Alternative Public School, 1994 to present where I have maintained several school web-sites, a computer lab and promoted science in the classrooms
- Secretary of school council, Grant Alternative Public School, 1996-97
- Play several musical instruments
- Astronomy
- Collect antique computers
- Linux and other GNU and Free Software Foundation software
- Have participated in beta testing of several commercial Linux products

Member of:

- Ottawa Carleton Linux Users group
- The Royal Astronomical Society of Canada
- The Planetary Society
- National Geographic Society

References available upon request