

Gilbert Arbez
BScEE, MScEE, ing.

ACADEMIC BACKGROUND

January 1989

Integrated Computer Systems: Knowledge-Based Systems and AI

February 1987

Integrated Computer Systems: Effective Skills For Technical Managers

January 1984 to April 1984

Université du Québec à Hull: Etudiant du 2ième cycle Bureautique (Office Automation), Téléinformatique (Computer Networks), Enseignement programmé et enseignement assisté par ordinateur (Computer Assisted Instruction).

January 1982 to August 1984

University of Manitoba: **M.Sc. Electrical Engineering**

Thesis: **A Pattern Recognition for Ambulatory EEG.** (published).

September 1975 to March 1979

University of Manitoba: **B. Sc. Electrical Engineering**

Thesis: **Dual Pathway Model of the Vestibular-Ocular Reflex.** (published)

September 1969 to June 1975

Collège de St. Boniface: High School Diploma

Graduated second in the class.

Awards: 1975: Charles Gray Chown Award

1978: Winnipeg Hydro Summer Work Scholarship

1976-1980: Dean's Honour List

PUBLICATIONS:

Arbez G.J.P., Swain L, **OSI CONFORMANCE TESTING FOR BIBLIOGRAPHIC APPLICATIONS**, Library Hi tech, Volume 8, Number 4, 1990

Arbez G.J.P., **INTERLIBRARY LOAN (ILL) CONFORMANCE TEST SYSTEM**, CIGOS National Conference, Ottawa, Ontario, October 6-7, 1988

Arbez G.J.P., Shwedyk E., Sheshia S., **A PATTERN RECONGNITION SYSTEM FOR AMBULATORY EEG**, IEEE Frontiers in Health Care Conference, Chicago, September, 1985

Arbez G.J.P., Ireland D.J., Jell R.M., Onyshko S., Shwedyk E., **DUAL PATHWAY MODEL OF THE VESTIBULO-OCULAR REFLEX**, 33rd ACEMB, Washington, D.C., September 30 to October 3, 1980.

TEACHING EXPERIENCE

- 1) Developed and taught the following university courses (14 week courses):
 - Using Linux to Explore the UNIX Operating System (Fall 2001),
 - Introduction to Data Communications (in French and English– 1994 to 2000),
 - C Programming Course (in French – Fall 1998);
- 2) Developed a one day seminar for ILL Conformance Testing Service;
- 3) Prepared and gave a one week course for introducing the UNIX Operating System to new users;
- 4) Participated in teaching a 1 week course for US Coast Guard (programming the 6800).

PROFESSIONAL EXPERIENCE

- 1) 7 years experience in the development of directory synchronization software, use of off-the-shelf meta directory products, and X.500 directory systems (including support of PKI applications);
- 2) 3 years maintenance of e-mail systems based on X.400, including the debugging of ISODE software, and maintenance of X.25 and TCP/IP infrastructure;
- 3) 6 years experience in the development of a data communication protocol test system, including standards work;
- 4) Started his career by developing firmware implementation of low-level data communications software;
- 5) 17 years working with the following system and development tools: various UNIX systems (SunOS, SCO UNIX, HP), UNIX development tools (C programming, shell script, Perl, YACC, LEX, etc.), Windows NT, Windows C and C++ programming, Banyan Vines (including Vines services using Banyan Vines API), Groupwise and Novell.