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Glen Greer BSc

Education **University of Calgary**

Bachelor of Science in Computer Science (1997-2002)

Experience **Mandrake Industries**

Lead Programmer

June 2004 – Present

- Developing a client/server Java 2 application with a MySQL database from inception for the Economics Department at the University of Calgary
- Providing a tool for testing economic and game theory experiments in a laboratory environment

Telvent Canada

Programmer/Analyst

April 2001 – June 2004

- Deploying SCADA systems, including staging systems, configuring databases, developing custom operating interfaces, testing for factory acceptance and site acceptance, dealing with multiple programming languages including C, Java and Perl
- Supporting customers for warranty and maintenance agreements
- Developing software for on-demand upgrades
- Administrating real-time and historical Sybase databases
- Developing with remote protocols including Modbus, Sage and Series5
- Supporting Pipeline Logistics applications
- Working internationally on-site in both Canada and USA

Visible Data

Technical Consultant

June 2000 – September 2000

- Installing and trouble shooting of the Visible Data Facility Asset Manager
- Providing feedback to Visible Data head office on success of installs and customer inquiries

The Alea Group Inc.

Sales and Marketing Supervisor

September 1998 – January 2002

- Coordinating marketing reps in Calgary and the surrounding area for major sales contracts for companies including Canon, Toshiba, Clearnet, as well as many smaller companies
- Conducting training seminars with customers, and retail staff at local retail outlets
- Performing technical sales, and aiding in market research

Technical Skills

Operating Systems:

- Microsoft Windows 95/98/Me/NT/2000/XP, DOS
- UNIX (Alpha, IBM, Polaris, Solaris)
- Linux

Programming Languages:

- Microsoft Visual Studio, Visual Basic, Visual C++, Visual J++
- C, C++, COBOL, Java 1&2, Pascal, Perl
- HTML, JavaScript, PHP
- SQL
- Intel Assembly

Areas of Study and Interest:

- Interface Design and Evaluation (HCI, MMI)
- Software Engineering
- Artificial Intelligence (specifically Multi-Agent and Genetic algorithms)
- Digital Systems and Logic Circuit Design
- Computer Architecture
- Computability and Analysis of Algorithms
- Principles of Operating Systems

Professional Skills

- Windows Application development
- Windows / UNIX console application development
- System Administration
- Quick and Independent learner
- Problem-solving, organizational and time management skills
- Strong communication and interpersonal skills
- Bilingual (English and French)

Project Experience

ATCO Gas

- Designed operator interface displays

BP Pipelines North America

- Backup Site setup and installation

Contra Costa Water

- Database configuration and PLC testing

Saudi Aramco

- Real-time database conversion and configuration

Related Awards and Achievements

- Exceptional Academic Achievement in Grades 10, 11 & 12 (Alexander Rutherford Scholarship - 1997)
- Excellence in Computer Programming 10, 20 & 30 Honours (WCHS - 1995/1996)
- Gold medal in Regional Creative Computer Programming Competition at Mount Royal College (May 1994)

References Available Upon Request