

Dr. William P. Iverson, PE

Iverson@GeoComputer.com

Professional Experience:

- Computer programming: C/C++/C#, VB/VBA, Java/JavaScript, PHP, SQL.
- Database technology: MS-Access, SQL Server, MySQL, Firebird, and online system.
- Geophysics: Seismology and Geophysical Well Logging (open-hole and casing).
- Software: Microsoft Windows platform, Office, Visual Studio, Eclipse, Wordpress.

Employment:

Consulting Engineer. Subsurface Engineering Inc., Seattle, WA. 1995-present.

- Current work on project management software for US Army Corp of Engineers.
- Database technology for environmental and groundwater monitoring.
- Field work in data acquisition and construction management.
- Clients include Puget Sound Energy, Klienfelder, King County, USGS, ...

Professor, Bellevue College, Bellevue, WA. Numerous Appointments:

- Faculty chair for Computer Science (CS) and Business Technology Systems (BTS)
- Dean of Business Division, full-time administrative position.
- Founding program chair for Medical Informatics (MEDIT),
- Vice Presidents' Curriculum Advisory Committee (CAC 2-terms)
- College Planning Council, Instructional Processes, and Assessment committee.
- Part-time engineering transfer instructor.
- Significant accomplishments include complete revamping CS curriculum to include the Java language, securing additional CS transfer agreements with University of Washington, and design of curriculum for extensive distance education (online).

Information Systems Instructor. Renton Technical College, Renton WA.

- Began as afternoon workforce contractor, and created full-time State funded position.
- Managed sharing of PC labs during times of heavy demand and limited resources.
- Taught PC software, hardware, networks, database, and business communication skills.

Engineering Professor: University of Wyoming, Laramie WY.

- Department head (petroleum) during two years of tumultuous oil industry downturn.
- Director and author for numerous funded research projects (NSF, EPA, GRI, DOE).
- Updated laboratory facilities from old analog systems to new digital data acquisition labs.
- Full professor of chemical and petroleum engineering, granted tenured in 1989.
- Consulting work with Union Pacific, Amoco, Chevron, ARCO, and USGS.
- Published over 100 papers, and presented research at international conventions.
- Chair of County planning and zoning commission, and university faculty senate.
- Taught courses in geology, physics, engineering science, and petroleum engineering.

Geophysicist.

Sohio Petroleum Company, Dallas TX.

- Mainframe programming in FORTRAN on VAX/VMS systems for data processing.
- Derivation and implementation of theoretical analyses for vertical seismic profiling.
- Awarded best new technology advancement in San Francisco, CA,

General Laborer, Washington, Montana, and Wyoming.

- Self-funded university education with savings and various farm/ranch work for 8 years.

Formal Education:

PhD, Geophysics, University of Wyoming, Laramie, WY.

- Dissertation; "Processing and Interpretation of COCORP Southern Appalachian Profiles," which validated earth crustal structure models for decollement tectonics.
- Published in three professional journals, presented at four national conventions, and selected for best student paper award at SEG in Dallas, TX.
- Tool requirement fulfilled with engineering acoustics coursework. Overall GPA 3.86/4.0

BS Physics, Washington State University, Pullman, WA.

Awarded summa cum laude, Phi Beta Kappa, with GPA 3.82/4.0

BA Mathematics, Washington State University, Pullman, WA.

Awarded cum laude, presidents honor roll, with GPA 3.78/4.0

Primary through Secondary School in Mercer Island School District, Washington.

Professional Registrations and Certificates:

- Professional Engineer (PE), State of Washington, #32071.
- Professional Engineer (PE), State of Wyoming, #6204.
- Professional Ski Instructors of America.
- First Aid and CPR Certification.

Professional Societies:

- Environmental and Engineering Geophysical Society
- Society of Professional Well Log Analysts
- Society of Exploration Geophysicists
- Washington Hydrologic Society

Personal Interests:

Hiking and camping in Cascades and Issaquah Alps, Skiing, Wildlife (viewing, game, and fish), Boating (fishing, water skiing, sailing), active member of Newport Presbyterian, Bellevue, WA.