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Professional Experience

- **1990 to Present.** Engineering Specialist Senior, Electrochemical Analysis and Diagnostics Laboratory in the Electrochemical Storage Group at Argonne National Laboratory. Test and analyze advanced battery and fuel cell systems.
- **1988 to 1990.** Design and Development Engineer at McDonald's Corporation, in the Engineering Research and Development Group. Main projects were voice recognition, touch screen technology and robotics.
- **1986 to 1988.** Engineering Consultant designing and developing data acquisition and control systems for Enerteq Sciences, Gas Research Institute, Axiomatic Corporation and McDonald's.
- **1981 to 1986.** Laboratory Supervisor for Fauske & Associates. Responsible for daily operation and maintenance of this Research and Development lab that provided testing services for the Chemical and Nuclear industries.
- **1976 to 1981.** Chief Technician in the Experimental Breeder Reactor-II Division at Argonne National Laboratory. Assisted in building and instrumenting sub-assemblies for testing at Argonne West. Responsible for the construction and operation of two full-scale magnetohydrodynamic facilities.
- **1972 to 1976.** Sergeant in the United States Marine Corps. Avionics Crew Chief on board the presidential helicopter during the Nixon and Ford administrations.

Education

- BS, Information Technology, Capella University; Minneapolis, Minnesota, 2004

Awards

- Pacesetter Award, Argonne National Laboratory (1995)
- Presidential Service Award, Whitehouse (1975)

Publications

- 40+ technical publications