

Database Administrator, TRW Electronics and Defense, Manhattan Beach, CA March 1984-December 1985

- Responsible for logical and physical database design of the Cost and Project Management systems in a major redesign project.
- Designed and implemented prototype databases.
- Debugged programs for application areas.
- Generation of schemas, subschemas, on-line screen design and process module code.

Database Administrator, Hughes Aircraft Company, El Segundo, CA May 1983-March 1984

- Supervision of two database analyst.
- Definition of backup and recovery procedures for all production databases.
- Responsible for setup of test-to-migration database procedures.
- Trained application programmers / analysts in IMS.
- Researched claim appeals and coordinated with managed care department to ensure accurate processing of claims
- Design of HDAM and HIDAM databases.

Database Administrator, TRW Electronics and Defense, Manhattan Beach, CA April 1980-May 1983

- Supported Manpower, Facilities, Payroll, and Cost databases.
- Responsible for generating test databases.
- Debugged programs for application areas.
- Responsible for setting up database unloads and reloads.

Programmer Analyst, TRW Systems and Support Group, Manhattan Beach, CA February 1978-March 1980

- Maintained on-line / batch IMS programs in the Procurement system.
- Prepared system specifications for on-line IMS Procurement systems verification update program.
- Responsible for the analysis, design, programming, and implementation of the Procurement history and active database purge functions.

Consulting USC Trio Program Blumen Database / Software Consultant July 2011-June 2013