

# RESUME

**William T. (Bill) Holmes**

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## PROFILE

Innovative, resourceful and responsible business analyst, technical writer, database and web developer, designer, engineer, and project and functional manager, who tends to optimize the functionality, performance and accuracy of products and personnel with better processes, designs or information systems or automation in all eight domains experienced using over seventy application programs, thirteen database systems, thirteen programming languages and ten operating systems. That experience facilitates the rapid identification of core problems, and the design and implementation of novel solutions using new tools.

## EMPLOYMENT AND EDUCATION HISTORY

### Omnigon (Carlsbad, CA) - 5/2000 to 9/2002

#### **Project Manager**

Managed successful troop and rescue team coordination system proposal. It utilizes a sensor fusion system to detect humans partially obscured by plants or other objects. PDA-like devices help distinguish team from target. Helped manage network speed financial fraud detection project. Managed and organized electronics laboratory. Determined cost of making FiberHydrant D1 High End Broadcast Video demonstrator manufacturable. Used Word, FasTrack Schedule and MS Project.

### General Dynamics, Data Systems Division (San Diego) - 5/1983 to 11/1991

#### **Functional Manager, Project Manager, Business Analyst and Technical Writer**

Saved CAD File Control System (FCS) project by eliminating distrust, resolving conflict and writing requirements in pseudo code. The FCS was used by four GD divisions, Computervision and Hughes. Used a minicomputer-based word processing system.

Saved corporate-wide CAD/CAM Data Base Management System (CCDBMS) project by re-architecting system to limit contractor to Global Access Facility (GAF) and take advantage of File Control System. Initiated rapid-prototyping to establish the requirements for Parts and Tasks Information (PATI) system, including configuration management of all deliverables. Managed eighteen San Diego programmers, and coordinated the development of six-person team in Fort Worth and Groton. Demonstrated PATI and GAF to all Divisions. Used MacWrite, MacDraw, MacProject and MS Project. Learned Pascal, AXE, Forth, 6800 assembler, Model 204 DBMS programming and real time software design and modeling.

## General Dynamics Convair (San Diego) - 1/1978 to 5/1981

### Project Manager and Business Analyst

Supervised development of analysis sequencing, execution and data exchange system. Evaluated, specified, acquired and optimized utilization of graphic systems for computer-aided analysis (CAA), design (CAD) and process planning (CAPP). Represented company at IPAD CAE and CAM-I Solid Modeling meetings. Used IBM TSO.

## California State Polytechnic University (San Luis Obispo, CA) - 6/1968 to 6/1971

Received Bachelor of Science Degree with honors (3.1/4.0 GPA) in Aeronautical Engineering, where the motto is "Learn by Doing." Elected in absentia to chair AIAA student branch. Converted hangar full of junk into useful education facility. Designed Aero logo still in use today. Co-chaired Aero Royal. Designed and built a horizontal cable-supported cross-arrow refreshment kiosk for Aero Royal, which engendered a transfer invitation from the Architecture department to be a structural engineer. Played left wing and left half for varsity soccer team.

## TEST RESULTS

**SAT Kuder Occupational Interest Survey** - Chemist, Computer programmer, Engineer.

**Langdon Adult Intelligence Test** - 140 total I.Q., 99 percentile.

**Keirsey Personality Profile** - Equally INTP Architect: (designer of buildings and ideas, abstract design, exhibit greatest precision in thought and language of all the types; tends to see distinctions and inconsistencies in thought and language instantaneously), and INTJ Scientist (brings INTP designs into reality). Both are 1% of the population.

**MAPP Appraisal** - Inquisitive, exploratory, analytical, experimental, self-sufficient, goal-oriented, independent, considers people both philosophically and psychologically, engineering orientation, applies scientific/technical/logical thinking to identify, analyze, and solve problems, devise strategies and systems to achieve objectives, writes creatively at professional levels.

See [wtholmes.com/tests.htm](http://wtholmes.com/tests.htm) for complete results and descriptions.

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