

VALDIS E. GARUTS
14170 SW 22nd St.
Beaverton, OR 97005
(503) 644-3506

ACTIVITIES and ACCOMPLISHMENTS DETAIL

Jan 62 - Sept 63: University of Queensland

- Lab technician, designed various lab instrumentation, developed and supervised lab classes and tests.
- Associate professor of EE, presented courses in semiconductor device physics, circuit design and communication theory.

Oct 63 - Oct 64: Ferranti Electric, Toronto.

- Electronic design engineer, developed memory drum read/write electronics and associated test equipment and procedures.

Nov 64 - Mar 72: Tektronix Inc, Beaverton.

Product development project leader and design engineer. Products developed (notes):

- New Low-frequency Scope Line: Project Engineer (1). Developed 5030 / R5030 / 5031 / R5031 dual channel, dual beam scope products.
- 10uV plugins: Project Engineer (2). Developed 1A7A / 3A9 / 7A22 high sensitivity, low noise plugin products.
- Other Low-frequency Products: Project Leader. (3)
 - 3A3A FET mod.
 - Power measurement plugins: 500- and 560-series prototypes
 - 4005 Graphic Display Unit.
 - Mini-Scope prototype.
 - Future 5000-series: design study, recommendations.
- 7900 system: Project Leader (4).
 - 7904 mainframe, 7A19, 7B92 plugins; R7903 mainframe.
 - Proposals - feasibility studies - team building.
 - Project management.
- 1 GHz scope: Product Planner. (5)
 - Preliminary design study, recommendations.

Apr 72 - Mar 73: Ross Hill Controls Corp, Houston, Texas

Electronic design engineer, developed equipment for continuously measuring the position of floating oil drilling vessels and platforms. Began design of the entire drillship positioning and station keeping system.

Mar 73 - Apr 83: Tektronix Inc, Beaverton.

Product development program manager. Projects (notes):

- 7100 system: Project Manager (6).
 - 7104 mainframe, 7A29, 7B10 / 7B15 plugins.
 - Feasibility - alternatives - proposals - system design.
 - Project management.
- 7854 Waveform Processing Oscilloscope: Project Manager. (7)
 - Concept - proposals - product definition - simulation.
 - System design - circuit design.
 - User interface design - DSP algorithms - FW design.
 - Marketing - team building - project management.