

JIM DALLEY

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CAREER SUMMARY

Seeking opportunity Implementing Embedded Software. Degreed computer engineer with extensive experience in product development and systems engineering. Strong problem solving skills with knowledge of various operating systems and computer architectures. Expertise has been acquired within state-of-the-art environments.

PROFESSIONAL EXPERIENCE

L-3 COMMUNICATIONS (contract engineer) 2004-Present

Embedded Software Engineer

Mission Critical Software for avionic systems. Software maintance. Participate in Code Reviews of C++ code and UML. DO-178B and Class 2 standards. Use Rhapsody, PVCS and Subversion. Software runs on both Windows XP and on Greentree Integrity real-time OS.

CINCINNATI TEST SYSTEMS INC. (contract engineer) 2004-2004

Embedded Software Engineer

Implement human interface for industrial leakage testing machine. Code written in C-language for ColdFire processor to control keypad and and Vacuum Fluorescent Display. Real-time OS is MQX. Used CodeWarrior tools. Also designed software for an automation monitoring machine to be implemented on eZ80 processor.. Wrote two user instruction manual.

ELECTRONIC SYSTEMS CONSULTING (contract engineer) 2002-2003

Embedded Software Engineer

Implement USB in embedded system, using USBN9603 chip with Intel 80286 processor.

ITW FOOD EQUIPMENT GROUP (contract engineer) 2002-2002

Embedded Software Engineer

Wrote BIOS for Celeron computer with Intel 440MX chipset embedded into new product. Arium emulator used for debugging.

TRW Radio Division 2001-2002

Software Engineer

Validation of Power PC emulating Litton L-304A processor in military application. Created assembler for L-304A using Cross-32 Meta Assembler. Wrote test procedureds in L-304A assembly language to verify architectural features of the emulation. SEI level 3 organization

GENERAL ELECTRIC APPLIANCE 2000-2001

Lead Development Engineer, Electronic Controls (contract engineer)

Embedded software design, code and test. Developing controller for new model of consumer dishwasher. My work will be used in over \$1,000,000,000 of production.

EDUCATION

Computer Engineering Wright State University Masters courses
BS, Electrical Engineering University of Utah

PROFESSIONAL ACTIVITIES / PUBLICATIONS

Senior Member Institute of Electrical and Electronic Engineers (IEEE)
Prior Chairman Southern Minnesota Section, IEEE
Co-authored 2 Technical Disclosure Bulletin publications at IBM relating to embedded systems