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Dual USA/UK national. Single.

References available upon request.<http://www.blf.utvinternet.ie>

Innovative software engineer experienced in kernel and embedded development, and concerned with process and detail, seeks technologically challenging R&D position.

EXPERIENCE

- 2002–
2007 *d’Ingénieur Développement Senior*: Developed and documented IDL compiler with automated tests. Developed filesystem with automated tests for an embedded componentized real-time O/S, and migrated that RTOS to UTF-8.
NexWave Solutions, Montpellier, France.
- 1999–
2001 *Embedded Systems Engineer*: Developed, documented, and deployed ChorusOS-based environmental monitor for server cabinets.
Sun Microsystems Ireland Ltd, Dublin, Ireland.
- 2001 Raised c.IRL£1200 (c.1500 €) for *Amnesty International* (Ireland).
- 1994–
1998 *Senior O/S Internals Engineer*: One of two lead engineers in a small ISO-9000 certified team porting CHORUS real-time microkernel to an integrated multimedia system-on-a-chip, including advising architects and designers on software-friendliness of CPUs and on-chip peripherals. Ported system, written in C++, ran first time on first Silicon.
STMicroelectronics Ltd, Bristol, UK.
- 1987–
1994 *Senior O/S Internals Engineer*: Numerous projects involving SCO UNIX System V for the Intel x86 family, including: Power management; C2 “security”; automated testing; POSIX conformance; device drivers; etc.
Santa Cruz Operation Ltd, Watford & London, UK.
- 1982–
1987 *Senior O/S Internals Engineer and Technical Lead*: Numerous projects involving multiple 7th Edition and System III ports of XENIX to Motorola 680x0 systems (one port a solo effort, delivered ahead of schedule); source code control system (which SCO used for c.10 years); distributed typesetting; etc.
Santa Cruz Operation Inc, Santa Cruz, California.
- c.1985–
1996 Technical editor for *Inside SCO UNIX Systems*, responsible for verifying, clarifying, and occasionally producing technical articles and examples.
August Mohr Consulting, Santa Cruz, California.
- prior to 1982* Assorted student and summertime jobs.

EDUCATION, PAPERS, PATENTS, AWARDS, ETC.

BSc (Engineering: Computer Science) and BSc (Theoretical Mathematics),
California Institute of Technology (Caltech), Pasadena, California.

NSF summer intern in Mathematics, *University of Chicago*, Chicago, Illinois.

An Experimental Trusted Path Prototype, (1st) USENIX Security Conference, 1988.

Several talks at various SCO “Forums” (Developer’s Conferences).

Co-inventor, *A Method and System for Transmitting Interrupts*, UK (GB2339035) and USA (6,460,105) patent.

Gold Seal, California Scholarship Federation; California State Merit Scholarship.

USENIX (and SAGE); UKUUG; Greenpeace; Amnesty International; Planetary Society.

🚲 Bicycling. Folk and ethnic music. ♪ Sustainable travel. Food, cooking, and drink. 🍷