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Christopher T. (King) Pacejo

A competent engineer looking to apply his experience and ability in a more challenging and rewarding environment.

I am a...

- thorough and precise specification architect
- forward-thinking API designer
- effective high- and low-level coder
- proactive researcher and bug-squasher
- believer in deliberate software design
- strong communicator and mediator
- challenge seeker and insatiable learner

Ask me to share more about...

- developing a patent-pending high-performance embedded message-oriented middleware
- inventing & developing proprietary deep-packet inspection algorithms
- my personal projects at hub.darcs.net/squirrel

My peers seek my help with...

- multiprocessor synchronization
- C99 (and other specifications)
- formal logic and mathematics
- low-level optimization
- processor architecture details

My employers ask me to...

- design and implement core product features
- research future strategic technologies
- rescue failing business-critical projects
- formally verify important properties of the product
- present technical topics to co-workers
- maintain dialogue with vendors
- fix bugs in vendors' products

Experience

2011–2014 Corero Network Security (Hudson, MA)
Software Engineer (embedded network devices)

2008–2010 Brown University (Providence, RI)
Research Assistant, Computer Science department

2007–2008 Worcester Polytechnic Institute (Worcester, MA)
Teaching Assistant, Computer Science department

2006–2007 Allegro Microsystems (Worcester, MA)
Electrical Engineer (mixed-signal ASICs)

2004–2006 Maxtor Corporation (Shrewsbury, MA)
Test Engineer

Education

2008–2010 Brown University (Providence, RI)
ABD, Computer Science
focus on reactive languages and formal verification

2002–2008 Worcester Polytechnic Institute (Worcester, MA)
M. S., Computer Science
B. S., Electrical & Computer Engineering

Technologies

- iSCSI/SANs
- block storage
- multi-threading
- embedded systems
- TCP/IP networking
- Linux (Red Hat/CentOS)
- C (C99; GCC; LLVM)
- assembly (Tilera; x86; AVR)
- Python
- Erlang
- Java
- SQL (SQLite; PostgreSQL)
- Verilog
- LaTeX