

Brian Shaffer

Experience

Bid & Tender Manager | Software Engineer Draeger Safety Diagnostics, Inc.

Irving, Texas | Durango, Colorado — 2003-present

Liaison between customer and various Dräger-internal stakeholders in U.S. and Germany. Compile, define, influence customer requirements for evidential Alcotest 7110 and 9510 projects. Function as technical project manager for installed base customers. Final configuration developer for US Alcotest 9510 projects. Sole person responsible for firmware development and support for every US Alcotest 7110 firmware project since 2003. Serve as Regional Sales Manager for western United States for all Alcotest and DrugTest products serving the law enforcement market since 2013.

Design Engineer

SoundTraxx

Durango, Colorado — 2002-2003

Responsible for HW and embedded SW design for hobby industry audio systems. Developed detailed product specifications via coordination with marketing and supported successful product launches via coordination with manufacturing.

Senior Test Engineer | Test & Product Engineer | Engineering Asst. Sipex Corporation

Billerica, Massachusetts | Milpitas, California — 1994-2002

Developed software and hardware for automatic test solutions for new power management products in R&D group of growing analog semiconductor company. Cooperatively interfaced with design, process, manufacturing, and marketing organizations. Trained, directed, and teamed with junior engineers and technicians.

Cooperative Associate

Pennsylvania Power & Light

Allentown, Pennsylvania — 1990-1992

Managed instrument and control schematics for nuclear power plant. Tested and researched environmental qualifications of high-current power utility components.

Education

University of Pittsburgh

Bachelor of Science in Electrical Engineering — 1992

Application Background

Completed “The Robert F. Borkenstein Course on Alcohol and Highway Safety: Testing, Research, and Litigation” and “The Robert F. Borkenstein Course on The Effects of Drugs on Human Performance and Behavior”. Observed DUI arrest procedures, DUI/DUID checkpoints and ride-alongs in several jurisdictions. Worked cooperatively with numerous public safety officials ranging from law enforcement officers, breath test program managers, forensic scientists, and prosecutors.