

STEPHAN KELLEY

206 Tanya Dr., Rockwall, TX 75087
(574) 372-3664 (H), (574) 265-5949 (mobile)
e-mail: sbkell@hotmail.com

SUMMARY

Professional Engineer with five years' experience managing sub-project integration with multiple 3rd parties, two years managing complex qualification/validation projects, two more years providing process and EPM support, and over ten years constructing all segments of military communications and avionics software. Also two+ years experience in the Medical Device industry. Experienced in customer interfacing, issue resolution, crisis management, and managing expectations. Teaching in multiple contexts:

- Two (2) Physics lab sections, Purdue/Ft. Wayne.
- Undergraduate digital logic course, Baylor University.
- Training company European staff on corporate (USA) procedures
- High school and college undergraduate tutoring in math, statistics, and physics.
- Multiple age groups in house of worship
- Toastmasters new member mentor program.

SKILLS

Technical project direction, international project coordination, systems validation, system automation, full life-cycle systems development, technical auditing. Interacting with business professionals in diverse cultures.

ACCOMPLISHMENTS

Verification / Testing:

- Wrote validation/qualification-related procedures.
- Trained technical personnel, both in Europe and USA, in validation process at multiple levels, allowing them to obtain certification for validation projects.

System Design:

- Coordinated detailed design and test plan on 787 VVIP custom-refit In-Flight Entertainment/Cabin Management System (IFE/CMS) with vendor, including lighting control and switching of controlled systems.

Customer / Engineer / Technical Support:

- System and subsystem installation manuals.
- User instructions/manuals.

Software Tools, Hardware Platforms/OS:

Ranorex Automation Test suite, Teamcenter/Sharepoint, Unix/Linux, Eclipse IDE, Atlassian Software Engineering Toolsuite (JIRA, Fisheye/Crucible), Subversion, Telelogix DOORS, MS Windows, VxWorks/MILS/WindRiver software development tools, Vensim, Crystal Ball, NetLogo, SAP, Visual Studio .NET, GNATPro, Ant compiler, TogetherJ, Rational Software Engineering Toolsuite, CVS, Rhapsody, MS Project

STEPHAN KELLEY
206 Tanya Dr., Rockwall, TX 75087
(574) 372-3664 (H), (574) 265-5949 (mobile)
e-mail: sbkell@hotmail.com

EMPLOYMENT HISTORY

L-3 Communications, Inc. June, 2013-present

Principle Systems Engineer

Task lead for new SIL operating procedure set.

Created multiple subsystem improvement/sustainment bids for on-aircraft communications systems.

Senior II Software Engineer

Provided engineering development for Data-At-Rest (DAR) throughput study and Linux MLS configuration.

Baylor University August-December, 2016

Adjunct Engineering Faculty

Taught sophomore-level first digital logic design course on campus.

Rockwell Collins, Inc. August, 2010-June, 2013

Senior Software Engineer

Provided engineering development for new-build avionics basis software and satellite communication system integration.

Zimmer Holdings, Inc. October, 2007-May, 2010

Senior II Validation Engineer

Provided Computer System Validation (CSV) for multiple on-site automated systems.

Remained in Zürich with company six months on short-term assignment to validate SAP installation.

KSD, LLC (contract to ITT Aerospace Corp., now Harris) 2006-June, 2007

Software Engineering Contractor

Provided engineering development for radio network manager user interface.

Thales Communications, Inc., Ft. Wayne, IN (office closed) 2005-2006

Software Engineer

Provided engineering development for radio control message simulator and automated test remote control head.

Raytheon Company, Ft. Wayne, IN pre-2005

Project Engineer (2003, 2005)

Directed technical side of Army flying command post project maintenance upgrade, including WBS and a derivative proposal, reporting to project manager.

Software Engineer

Developed multi-thread GUI apps in C++ and Java which used TCP and RS-232 protocols, modified controller and DSP apps in C, and managed source code.

Purdue University, Ft. Wayne, IN January-May, 1993

Laboratory Instructor

Lectured on lab procedure, safety processes (where appropriate), and mentored individual students conducting experiments.

STEPHAN KELLEY

206 Tanya Dr., Rockwall, TX 75087
(574) 372-3664 (H), (574) 265-5949 (mobile)
e-mail: sbkell@hotmail.com

Professional Development

System Engineering mentor training
Six-Sigma Specialist ("Green Belt") certification
Grand Systems Engineering 96-hr. certificate

EDUCATION

Systems Engineering – Stevens Institute of Technology, current, GPA: 3.77
MBA - Instituto de Empresa, Madrid, Spain (*FT* World Top-10), 2007, GPA: 3.45
MS Computer Science – Ball State University, 2004, GPA: 3.56
BS Physics/EE minor – Purdue University