

Professional Experience

Co-Founder – Director of Engineering – Vampire Trading Network, Inc., Altamonte Springs, FL.
October 2007 – Present

- Develop and Integrate custom MetaTrader technical indicators for proprietary trading strategies
- Develop and Integrate custom automated MetaTrader Trade Agents which place buy and sell orders autonomously based on variable entrance and exit criteria
- Managed Multi-Million dollar accounts
- Trade Strategy Coaching and Seminars

Senior SW Engineer – [Cisco Systems, Inc.](#), NSITE, RTP, NC. ▪ August, 2001 – June 2009

- Senior Tools Developer for Cisco NSITE (CAST) Common Automation System/Solutions Test team
 - Gather and evaluate test automation requirements from NSITE test teams to provide common test automation development guidelines across NSITE
 - Identify design and develop common tools across NSITE test teams
 - Implement and maintain NSITE CAST infrastructure providing common automation development environment for Unix / Linux
 - Develop and maintain CAST deployment infrastructure
- Team member of several test automation steering committees:
System Test Automation Recommendations (STAR), Cast Automation System/Solution Test (CAST), Test Automation Work Group (TAWG), founding member High Level Tools API (HLTAPI).
- Cisco Test Design Training Project provide details and review Cisco specific test development training course developed by third party training firm
- Drive XoTcl IDE debugger project with Xored Software to produce Xo/Tcl plugin for Eclipse
- High Level Tools Application (HLTAPP) Architect. Implementation of a common configuration engine for Agilent and Spirent Adtech Data Generators which allow test teams to specify configuration details using a standardized spreadsheet to configure and generate thousands of data flows.
- Co-architect Test Stream Application (tsApp), next generation of HLTAPP. Integrates 5 years of development and provides a true High Level Tools API hltapi allowing the same XoTcl script to selectively configure and control third party data generators Agilent, Cisco PaGenT, Adtech, Spirent Test Center and IXIA.
- Leverage BGP VLAN VRF networking to map test cases (and permutations) from data generator to MPLS Core System under Test allowing for simultaneous stress and functional testing of hundreds/thousands simultaneous tests.

Senior SW Engineer – [Cisco Systems, Inc.](#), Boxboro (formerly Chelmsford), MA ▪ April, 1998 – July, 2001

- Lead Test Engineer Label Switch Controller (LSC). Develop Detailed Test Plans and Automated test beds for MGX, BPX, LS1010 ATM switches and IOS ATM Routers.
- Tag-switching and MPLS test engineer. Develop Detailed Test Plans and Implement Test Automation for Golden test beds.
- Co-Architect tag-driver automation execution engine
- Co-Architect General Purpose Conformance Tester, a state machine to implement and test tag-switching and MPLS protocol messages prior to commercial availability of third party test equipment. Awarded Patent

Contractor – [Cisco Systems, Inc.](#), Additional Tech, Waltham, MA ▪ February, 1997 – April, 1998

- See Cisco Systems, Inc., Boxboro above.

Contractor – [Cisco Systems, Inc.](#), National Software Associates, San Jose, CA ▪ October 1995 – November 1996

- LS-1010 project Test Automation Lab Administration.
- LS-1010 Development and System Test Automation.

John F.T. McGlaughlin

- Co-Architect the Golden Testbed concept with Test Lead Tim Herbert. Became fundamental foundation of the tag-driver and metal execution engine adopted by Cisco Systems, Inc. Release Operations and the Automated Regression Factory.
- Mentor to new hire test automation engineers.

Contractor – StrataCom, San Jose, CA • May 1995 – August 1995

- Wrote Detailed Test Plan ATM conformance testing for MGX AXIS cabinet.

Test Engineer – Motorola Codex, Canton, MA, 1993 – April 1995

- Implemented System Test on CAPE project
- Wrote Detailed Test Plans for the CAPE Project

Development Engineer –Codex, Canton, MA, 1991 – 1993

- Detailed Design and Implementation of HDLC translators using 56000 DSP's

1980 – 1993 Employment History on Request

Accomplishments

- Cisco Systems, Inc. patent General Purpose Conformance Tool (GPCT)
- Co-architect tag-driver tag-switching automation execution engine
- Co-architect “golden” test bed implementation for image regression test (LS-1010 and tag-switching)

Networking

ATM, MPLS, ATOM, BGP, OSPF, RIP, EIGRP, VLAN, VRF

Programming and Software Skills

Tcl, XOTcl, PHP, Perl, XML, xSQL

Working knowledge of Python, Ruby, Java

Past Languages, 68xxx 56000 assemblers, C, C++, etc.

Education

BSEE – NJIT at Newark College of Engineering – 1982

Select Master Courses Computer Science

Monmouth University/ Boston University