

Objective: To lead, mentor, and equip Test and Automation Engineers in proven practices in the craft of software testing. Developing the best of the best in the art of Quality Engineering.

Experience:
2016 – Current

Ramsey Solutions – Franklin, Tennessee

Quality Assurance Lead in Automation and Test Engineering – Direct and coach the Ramsey Automation and Test Engineering Teams. Architect innovative approaches to Automated Testing and Frameworks, resulting in two-million+ automated test executions per month. Mentoring the Ramsey Automation Team in best practices of maintainability and sustainability is the Craft of Automation. Coach Manual Test Engineers in ISTQB testing practices and implementation of METS, the Minimal Essential Testing Strategy. Quality Evangelist across the Ramsey Technology Organization. Promoting best practices across the product lifecycle and to Senior Technology Leaders.

2013 – 2016

ARGO – Richardson, Texas

Quality Assurance Principal in Test Automation – Serving as a principal technology leader, pioneering best practices across tools, approaches, and skills, exploring innovative techniques in automated testing, leveraging Unified Functional Testing (UFT/QTP), Quality Center (QC/ALM), and SoapUI Pro. Mentoring Test Engineers in sustainable approaches for substantial ROI in automation development and manual testing. Speaker at QA Trailblazers and StarWest on Test Automation Best Practices. Author of industry publications on StickyMinds and TestTalks and JoeColantonio.com.

2012 – 2013

Fossil – Richardson, Texas

Lead Test Automation Engineer – Utilizing QuickTest Pro (QTP), Business Process Testing (BPT), and Quality Center (QC) to automate Triversity - SAP Point of Sale (POS). Architect and implement a verbose, data-driven automation framework to test all aspects of international POS. Emphasis is placed on highly sustainable and maintainable architecture to ensure ongoing usage and future ROI. Mentor Automation Engineers in best practices in automated testing. Speaker at Dallas QA Trailblazers.

2008 - 2012

JCPenney – Corporate Office – Plano, Texas

Lead Test Automation Engineer – Develop and maintain test automation for JCPenney Point of Sale (POS), including RFID and backend systems. Mentor Jr. Automation Engineers in best practices in test automation & software development. Utilize QuickTest Pro (QTP), Business Process Testing (BPT), and Quality Center (QC). Identify and implement innovative approaches such as the Complex Data Model for Big Data validation in automated testing. Speaker at StarEast on Automation Strategies & Complex Data.

2006 – 2008

JCPenney – Corporate Office – Plano, Texas

Infrastructure Architect – UNIX/Linux & Test Engineering – Hands-on test engineering, applying effective practices in Quality Assurance (QA) regression testing. Research enterprise security tools. Automated tool development for data synchronization across UNIX/Linux environments. Document and diagram critical business functions.

2004 - 2006

FedEx Kinko's – Corporate Office – Dallas, Texas

Senior Systems Engineer - Intranet & eLearning Systems – Develop & support enterprise Intranet of 20,000+ team members. HTML, JavaScript, PERL, PHP, and ASP development. Architect and implement new intranet strategies in Red Hat Enterprise Linux 4 (RHE4), Apache, and Tomcat. Support for Saba Learning Management System (LMS). Rollout standardized Java configuration to 1,200+ retail stores enabling compatibility between critical systems.

- 2001 - 2004 **FedEx Kinko's – Corporate Office – Dallas, Texas**
Senior Quality Assurance Engineer – Perform test engineering of FedEx Office and e-commerce websites. Develop a test planning process to reduce risk in a condensed timeframe. Test automation development utilizing WinRunner and QTP. Specialization in security and infrastructure testing. Speaker at international quality conferences including StarEast, StarWest, QAI & BZ Media Software Test and Performance. Creator of Minimal Essential Testing Strategy (METS)
- 1999 - 2001 **University of the Nations – YWAM Woodcrest – Lindale, Texas**
Infrastructure Architect & Communications Instructor – Infrastructure Architect & Communications Instructor – Development of web communications curriculum, teaching international students effective web design. Developed YWAMWoodcrest.com website. Architect campus data, phone, and video networks for our international training center.
- 1995 - 1999 **Vanderbilt University – Computer Store – Nashville, Tennessee**
Senior Apple Engineer & Supervisor – Provided technical support to 3,000+ students, faculty, and staff. Hardware/Software troubleshooting and repair for Mac systems. Consulting university departments assisting with solutions to meet business needs. eCommerce & Database development of database solution. eCommerce solution for the campus computer store. Subject matter expert (SME) on all Apple Mac products. Mentoring Jr. Service Engineers.
- 1995 - 1995 **Inacomp Computer Center – Brentwood, Tennessee**
Apple Training & Support Engineer – Support engineer for all Apple Mac products. Hardware troubleshooting and repair for walk-in and onsite clients. Application training of software such as Photoshop, QuarkXPress & FileMaker Pro. Specialist in graphic arts design and database development.
- 1994 - 1995 **Computer Marketing Corp. – Nashville, Tennessee**
Apple Support Engineer – Senior Technician/Supervisor of the service department. Oversee order fulfillment and inventory. Architect and develop a company inventory system.
- 1992 - 1994 **Elliott/Drinkward Construction – Redondo Beach, California**
Office & Technology Manager – Performed accounts payable/receivable & payroll function. Developed custom job and cost tracking solution. Automated back-office functions for improved workflow. Developed employee management system.
- 1983 - 1992 **Hughes Aircraft Company – Torrance, California**
Electronics & Test Automation Engineer – Development of automated tests utilizing Mac and PC systems using LabVIEW. Circuit design and assembly of custom automation life-test systems. High voltage equipment assembly and repair. Schematic drawing and layout utilizing CAD. Engineering liaison to Senior Scientists and Engineers. Secret security clearance.

Consulting:

2016 - Current

Craft of Testing – Franklin, Tennessee

Evangelist in Testing | Automation | METS | Author | Speaker – Coach and mentor Quality Assurance Leaders, teaching the Craft of Testing and Automation, directing in best practices of Test Automation sustainability and Manual Testing risk assessment. Innovating in automated Test Data Analysis (TDA), identifying critical attributes to understand application personality metrics. Creator of METS (Minimal Essential Testing Strategy) and Author of Test Automation in the Real World. Public speaker at StarWest, StarEast, Meetup, and QAI Testing Conferences. Lead Author for RealWorldTestAutomation.com and PlatformWithPurpose.com - Pursuing the Quality Engineering Community, with a passion to further and mature the Craft of Testing (CoT).

- 2001 - 2016 [MissionWares.com – Ventura, California & Plano, Texas](#)
Software Development & Systems Administration – Develop seven published iPhone apps in XCode and Objective C. Authored employee recognition solution (RecognizeAnother.com). Build and manage physical/virtual Linux servers running Apache, PHP & MySQL (LAMP). Develop educational, music management, and Bill Organizer software with over 130,000 downloads. Authored publication on social issues introduced by excessive technology use. Conference speaker teaching strategic writing leveraging SEO.
- 1995 - 2001 [Thou Art Software – Nashville, Tennessee & Lindale, Texas](#)
Software Development – Web & eCommerce design for an online awards company in Hollywood, California. Enterprise database and marketing design for fabric finishing company in Athens, Texas. Client & project management tool for a recording studio in Nashville, Tennessee. Onsite Mac repair and data recovery for recording artists.
- 1990 - 1999 [All The World's A Stage – Torrance, California & Nashville, Tennessee](#)
Founder & Writer – Developed and authored an extensive repertory of dramatic presentations. Leader of dozens of performers in hundreds of venues throughout the United States. Coordinated cross-country relocation of the team to Nashville, Tennessee. Instruction and coaching of thousands of students in dramatic skills including movement, speaking & writing.

Public Speaking:

- 2015 [QA Trailblazers – Dallas, Texas](#)
ROI Robbers and Challenges to Successful Test Automation – Presentation on common issues introduced into test automation directly impacting Return on Investment (ROI). Common ROI Robbers discussed, identifying their attributes and removal.
- 2014 [QA Trailblazers – Dallas, Texas](#)
Automation Journeyman to Craftsman – Presenting the road of moving from Journeyman to Craftsman in test automation, covering lessons learned and common missteps. Discuss how to ramp up skills that will yield sustainable, maintainable results in test automation efforts.
- 2014 [JoeColantonio.com – TestTalks \(Podcast\)](#)
Removing “Test” from Test Automation – Podcast discusses five underutilized areas where automation can bring added value across their company.
- 2014 [JoeColantonio.com – TestTalks \(Podcast\)](#)
Helpful Tips When Implementing Test Automation – Podcast brings unique insights to creating automated tests laying out a plan to impact adoption and maintainability.
- 2011 [StarEast – Orlando, Florida](#)
Automation Strategies for Complex Data, a practical approach to validating large datasets – Teaching includes analysis, best practices, and understanding the importance of ROI in test automation efforts.
- 2007 [Youth with a Mission \(YWAM\) Woodcrest – Lindale, Texas](#)
Server School – Hands-on training in cost-effective server strategies. Training on server virtualization utilizing open-source technologies such as Linux, Apache, PHP, and MySQL. <http://serverschool.missionwares.com>
- 2005 - 2014 [Youth with a Mission \(YWAM\) Woodcrest – Lindale, Texas](#)
Writing for the Web – Effective approaches for writing search engine (Google) friendly, SEO content optimized for your target market.
- 2005 - 2006 [Oregon Christian Writers Conference – Canby Grove, Oregon](#)
Strategic Influence through Writing and Technology – Teaching relevant strategies for effectively influencing societal areas and people groups.

2003 - 2021

StarEast, StarWest, QAI, BZ Media Testing Conferences – Orlando, Florida / San Jose, California / Baltimore, Maryland

Minimal Essential Testing Strategy (METS) – Teaching an effective testing methodology enabling Developers and Quality Engineers to optimize testing efforts under a constrained deadline. Instruction on prioritizing the most critical to least critical areas of the application under test.

Publications:

- 2014 **Removing the Word "Test" from Test Automation** – [StickyMinds.com](#)
Removing the word test from test automation liberates a QA organization to leverage automation tools in new and innovative ways.
- 2014 **Helpful Tips When Implementing Test Automation** – [StickyMinds.com](#)
Presenting a list of tips for performing automated testing. An innovative plan for automation endeavors makes a significant difference in its usefulness, adoption, and maintainability.
- 2011 **Test Automation and Challenges of Complex Data** – [StarEast](#)
In-depth details on how the Complex Data (Automation Strategy) came about solving real-world testing challenges.
- 2009 **Foundations of Effective Recognition** – [RecognizeAnother.com](#)
Discussion about practical foundations for successful employee recognition. Sincerity and leading by example are covered.
- 2009 **How to Give Recognition** – [RecognizeAnother.com](#)
Discusses the importance of recognizing employees and co-workers in a meaningful manner to receive authentic recognition.
- 2005 **Ministry Sustainability in a Visionary Rich Environment**
Discuss common issues in volunteer organizations and prepare and manage long-term objectives through high turnover.
- 2005 **Pitfalls of an Email-Centric Society**
Discuss sociological issues introduced by excessive email and other non-personal electronic communications.

Skills:

Operating Systems Expertise

Mac	Windows	Unix/Linux	iOS
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Software development languages

Ruby	Objective C	JavaScript	PHP
HTML	PERL	LUA	Basic

Software Proficiency

Selenium	QuickTest Pro (QTP)	Quality Center (QC/ALM)	XCode
Postman	SoapUI Pro	Photoshop	FileMaker Pro
Microsoft 356	QuarkXPress	Jenkins	RubyMine

Professional Talents

Test Automation	Quality Assurance	Public Speaking	Teaching
Software Development	Systems Engineering	Project Management	Technical Support
Information Security	Team Leadership	Accounting	Payroll
Marketing	Published Author	Writing	Editing
Page Layout	Graphics Design	Photography	Innovator

Certifications:

HP QuickTest Pro Basic	HP QuickTest Pro Advanced	Business Process Testing (BPT)
ISTQB – CTFL	Basic Macintosh/Printers	Macintosh PowerBooks
HP Printers	CompTIA A+ Certifications	Class A NASA Solder Certification

Development Highlights:

CraftOfTesting.com	RealWorldTestAutomation.com	GregPaskal.com
MissionWares.com	BillOrganizer.MissionWares.com	RecognizeAnother.com