Constantine Nickolas

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In search of unique, full-time Software Engineering opportunities in Engineering or Quality Assurance as a Automation/Tools Developer. Passion for solving coverage, scalability and infrastructure challenges with highest efficiency. Embrace cutting-edge technologies with enthusiasm that any problem can be solved.

Experience

PRESIDENT - IOS SWIFT APPLICATION & WORDPRESS DEVELOPMENT

NICKOLAS PRODUCTIONS, SAN JOSE, CA   2018-PRESENT

Develop iOS applications for Education, web applications for businesses, sample code for startups and media content creation for professional bands. Provide on-site and remote IT support for businesses, schools and residences. Designed and constructed a state-of-the-art recording studio for artists offering full multi-tracking, voice over and video editing. Provided IT and digital media support for Joe Satriani, Chickenfoot and Thomas Dolby, amongst others.

CTO, CO-FOUNDER, IT MANAGER, DIGITAL MARKETING MANAGER, EMPLOYER, BUSINESS OWNER

THE SAND BAR, CAPITOLA, CA   2015-2018

Created a corporation employing over 25 people in Santa Cruz County. Combined decades of restaurant experience with decades of technical experience. Increased exposure with persistence and unique visions in a short time. Personally developed and maintained a professional web site and led all social media/digital marketing efforts. Engaged in business interactions, employee management and provided key contributions that were instrumental to the restaurant in achieving success.

SENIOR AUTOMATION TOOLS DEVELOPER - IWORK, FINAL CUT, IMOVIE - PRODUCTIVITY GROUP

APPLE COMPUTER, INC., CUPERTINO, CA   2014-2015

Contributed timely, efficient solutions to long standing bugs in automated test scripts and tools. Enhanced features of company-wide automation frameworks. Designed and implemented new automated test strategies for Apple's productivity applications written in Python, Shell, Perl and AppleScript. Repaired automated framework libraries. Created new library classes for iCloud collaboration, iOS installs, functional, performance and integration testing.

SENIOR AUTOMATION TOOLS DEVELOPER FOR APPLE.COM - MARCOM GROUP

APPLE COMPUTER, INC., CUPERTINO, CA   2012-2014

Supported multiple QA Geo teams testing Apple's 40+ multilingual web sites. Built custom tools for testers, leads and managers to mine data and streamline workflow processes. Provided automated querying of bugs and creation of test suites through Apple's bug database. Saved multiple Geo teams hundreds of manual testing hours, unlocking time for deeper manual testing.

ENVIRONMENTS & SOFTWARE INTEGRATION AUTOMATION - MACINTOSH GRAPHICS/IMG GROUP

APPLE COMPUTER, INC., CUPERTINO, CA   2009-2011

The Graphics hardware group is responsible for architecting, developing and qualifying GPU hardware and software on every Macintosh shipped by Apple. Lead, created and maintained an automation lab providing 24/7 regression, stability, functional and performance testing. Created custom software to control lab environment and integration. Infrastructure provided large scalability allowing teams to securely run tests prior to submissions.

PRIOR POSITIONS

iWORK/PRODUCTIVITY AUTOMATION LEAD ENGINEER 2007-2009	**APPLE COMPUTER, INC. CUPERTINO, CA**
FILER APPLIANCE SENIOR QA AUTOMATION ENGINEER 2000-2001	**NETWORK APPLIANCE, SUNNYVALE. CA**
MAC OS "CLASSIC" QA LEAD ENGINEER 1998-1999	**APPLE COMPUTER, INC. CUPERTINO, CA**
OPENDOC QA LEAD AUTOMATION ENGINEER 1995-1997	**APPLE COMPUTER, INC. CUPERTINO, CA**

Education

Graduate of University of California Santa Cruz — Pure Mathematics Major, CIS Minor, 1991

Skills

35 years Macintosh, Windows, Unix, Linux usability, programming, scripting.
30 years experience QA methodology, leading test automation projects, developing frameworks and tools.
Solid judgment, analytic and communication skills. Excellent problem-solving skills.
Vast knowledge and passion for audio/video/music production tools and media/technology integration.