**Conan Tran**

408-828-2660 • [ConanTran@gmail.com](mailto:ConanTran@gmail.com) • [www.linkedin.com/in/conantran](http://www.linkedin.com/in/conantran)

**Senior Software Engineer**

Talented, highly motivated Senior Software Engineer and team collaborator, working cross-functionally with program managers, product marketing managers, architects, test engineers, and technical writers to ensure compliance with all requirements for release. Recognized by peers and leadership for passion, dedication, exceptional analytical and programming skills, ability to plan and execute projects. More than 20 years of success in developing innovative, customized solutions to meet changing business requirements across diverse industries. Excellent communicator, mentoring, and leading junior engineers, working as a collaborative team member.

**Highlights**

• Software Project Management • Scrum/Agile Development • Leadership /Mentoring /Training • Software Development Life Cycle • Technical Documentation • Code Reviews/Quality Standards

• Software Requirements • Object Oriented Design • Systems Analysis

• Software Solution Development • Object-Oriented Languages • IT Policies & Procedures

• Software Unit Test / Integration • Project Management • Software Achitecture

**Technology Summary**

.NET, Visual Studio, C#, TFS, Jira, Git, HTML, XML, SQL, WPF, WinForm, MS Windows Workstation & Servers

**Professional Experience**

**SR. SOFTWARE ENGINEER** 2013 - Present

**Synaptics, Inc.**

* Developed Synaptics Desktop Application – Design Studio for InCell and Discrete platform development, quality and schedule and write test cases, sample codes, and software documentation.
* Core contributor to redesign and implementation of scalable, maintainable next-generation Design Studio utilizing MS.NET, C#, WPF technology, and MVVM architecture.
* Drive Unit Test process and setup daily build with automated Unit Tests and reports.
* Supported customer issues by analyzing and fixing bugs during mass production.

***Accomplishments:***

* Spearheaded application re-writes with newer technology, from WinForm to WPF, enabling internal and external customers to analyze and fine-tune conductive finger signals in real-time and improved performance 60%+, eliminating multiple version conversions.
* Completed Design Studio application on time, winning multiple team awards for different programs, working Delivered cross-functionally with product stakeholders to understand required features and improvements.

**STAFF SOFTWARE ENGINEER** 2012 – 2013 **Synaptics, Inc.**

* Developed and maintained Affymetrix GeneChip® Command Console® software tools for instrument control and data management to process GeneChip Arrays.
* Provided software summarizing probe cell intensity data, data management, and instrument control.

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**Staff Software Engineer – Continued**

***Accomplishments:***

* Improved processes for development and test the Affymetrix AGCC application by refactoring application codes and redesigning base classes with object-oriented design simulating data for debugging, and for nightly build with automated Unit Tests to reduce costs for software QA.

**PRINCIPAL SOFTWARE ENGINEER & TEAM LEAD** 2001 - 2012

**Omnicell, Inc.**

* Designed, developed, and maintained Omincell’s automatic system software suite consisting of Windows-based user interface (UI) applications and Windows services, controlling data backup for OmniCenter software and MS SQL database, user connectivity, file transfer and monitoring of application health.
* Mentored offshore and domestically-based QA engineers and new hires.
* Worked with the Department of Defense on regulated software mitigation process.
* Managed 4th level escalations for investigation, analysis, and bug fixes.

***Accomplishments:***

* Re-architected and rewrote an error-prone system software suite that consisted of many MS-DOS scripts that were not scalable and hard to maintain, using MS.Net and C#.
* Improved security, enabling use of software suite by the Department of Defense.
* Provided multiple Windows services for centralized decision-maker and patient's data transactions manager, using MSMQ technology.

**SOFTWARE ENGINEER** 2000 - 2001

**Nextron, Inc.**

* Designed, implemented, debugged, tested, and integrated the following applications: Nextron Web-Based Application components, Auto Site Map Creation, Auto Site Generation, and Production Tracking System.

**SOFTWARE ENGINEER** 1998 - 2000

**Portrait Displays, Inc.**

* Implemented WinPortrait Applications: WinPortrait Setup and Configuration, WinPortrait Control for Windows platform, and designed/developed WinPortrait Drivers Stamp Database Utility for Release Control.

**Education**

**Bachelor of Science, Computer Science / Minor in Mathematics**

San Jose State University. San Jose, CA

**Object-Oriented Analysis & Design for Agile Development • Programming the WPF • Project Management Negotiation Principles & Techniques • Managing Software Projects**

U.C. Santa Cruz Extension, Santa Clara, CA

**Recognition & Volunteerism**

Synaptics Team Award – “Exhilarating and Rewarding Environment for 2-Chip AMP InCell” – 2015

Synapsis Team Award – “Innovating to Win for the 2-Chip AMP InCEl

YMCA Youth Basketball Team Coach

Silicon Valley Code Camp Volunteer