

## Contact

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## Top Skills

Product Management  
Management  
Software Development

# Ian Kitching

President & CEO  
Los Angeles Metropolitan Area

## Summary

- o Recognized for expertise and strong leadership qualities
- o Adept at communicating complex technical issues and effective in establishing goals and objectives
- o Proactive and innovative in removing roadblocks
- o Working well in high-pressure situations and adjusting quickly to new priorities
- o Seasoned engineering manager with strong technical background
- o Able to establish enthusiasm and maintain high team moral
- o Excellent interpersonal and organizational skills, with the ability to mentor and grow development teams

Specialties:

- o Extensive development experience with C, C++, Assembly, and LISP - Unix and Windows
- o 2D/3D graphics, CAD/CAM, and commercial VR development.
- o 25+ years in software development and 20+ years in management
- o Application experience with OpenGL rendering, linear algebra, and computational geometry
- o Current in state-of-the-art development methodologies and processes
- o Experience in building, managing, and expanding off-shore development teams
- o Lead Inventor - Numerous Patents

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## Experience

Smile Development Corp, Ortho SW Inc, and ES Software, Inc.  
President & CEO  
June 2016 - Present (8 years 7 months)  
Greater Los Angeles Area

Clear aligner treatment setup automation. Aligner manufacturing automation including scallop trimming, multi-piece thermoforming, mold and aligner ID recognition. Engineering innovation and patent portfolio knowledge to avoid infringement. Aligner 510k approval with teen eruption control and elastics.

## Ormco

### Director Software Development

April 2011 - December 2015 (4 years 9 months)

Glendora CA

Life cycle software development and new product development with technical, operational, budgetary, and supervisory activities in the design and development of 3D graphics applications used in the manufacture of class II medical devices.

- o Reorganized internal and off-shore development teams for productivity and quality gains
- o Developed & released new products requiring four new 510k approvals
- o Designed new product roadmap from analysis and prioritization with customers, product management, marketing and manufacturing
- o Significant new functionality, operations quality and capacity improvements accounting for 500% growth
- o Provided technical input on software capability as it pertains to new markets, new functionality, and enhancements for strategic planning purposes
- o Created new process and documentation to ensure FDA compliance
- o Eight new patents applications for protection of new and future products
- o Developed and implemented plan to address the limitations of current software architecture

## Align Technology

### Consultant

December 2009 - December 2010 (1 year 1 month)

Santa Rosa, CA

Technical advisor on patent claim challenges.

## Align Technology

### Director, Engineering

February 2004 - October 2009 (5 years 9 months)

Software development and business management with technical, operational, budgetary, and supervisory activities in the design and development of 3D graphics applications used in the manufacture of class II medical devices.

- o Life-cycle responsibilities for the development of multiple project-driven and schedule based releases with proven track record in delivering releases on time with high quality.
- o Built and maintained international development organizations to ensure that projects were delivered on time, within budget, and to specification.

- o Responsible for strategic planning, product management, software design, R&D, and providing technical/operational guidance to the team.
- o Responsible for ensuring software is implemented to architectural, design, quality and regulatory standards.
- o Established individual and team performance goals, expectations, and performance expectations.
- o Technical advisor on patent claims challenges, patent litigation, and patent infringement.
- o R&D leader for development of new products; Invisalign Teen and Assist.

### EDS PLM Solutions

Senior Software Development Manager

January 1999 - October 2003 (4 years 10 months)

Managed a team of up to twenty developers, QA analysts, and technical writers in the design and development of a commercial virtual reality application. This application was designed in close collaboration with General Motors, Detroit and Opel, Germany and is used in the design and styling of motor vehicles.

### Autodesk, Inc

Chief Engineer

January 1987 - January 1999 (12 years 1 month)

Core AutoCAD developer 4 years. Designed and developed AutoCAD LT, a CAD application with sales revenue exceeding \$100 million per annum. AutoCAD LT is derived from AutoCAD's source code with additional unique functionality.

### Rune Software

Vice-President Engineering

January 1983 - January 1987 (4 years 1 month)

Directed the team responsible for the design and implementation of a number of applications for the Apple II and early Mac computers using 6502 assembler and Pascal.

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## Education

Witney College

B.Sc, Computer Science