

# Victor Martinez - Mechanical Designer

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## Career Summary:

### **Professional Experience in a variety of Design, Drafting and Engineering fields**

20+ yrs - **AutoCad** to Version 2010 - mechanical, electrical & architectural

10+ yrs - **Pro/E** to Wildfire 4.0 - Pro/Intralink, part design & detail drawings

4 + yrs on **SolidWorks – version 2007 - 2010** – PDM, part design & detail drawings

## Experience:

- Dec 2010 – Jun 2011 **Alphatecspine** Carlsbad, Ca.  
Sr. Designer - SolidWorks – medical device
- Custom Spine Instruments & Components – *PDM, Agile, GD & T, R & D*
- April 2010 – Oct 2010 **Edwards Lifesciences** Irvine, Ca.  
Mechanical Designer - Pro/E – contract - medical device
- Transcatheter systems & Heartvalves
  - Part Design & assemblies
- July 2008 – Jan 2010 **Biosite Inc.** San Diego, Ca.  
Mechanical Designer - SolidWorks , Pro/E & AutoCad – contract - medical device
- Fingerstick – ownership of model design & assemblies for final drawing package in SolidWorks
  - Part Design- assembly line, prototypes & SLA's - Overseas product changes in Pro/E
- Dec 2007 – July 2008 **Custos Technologies** San Bernardino, Ca.  
Mechanical Designer - SolidWorks & AutoCad
- Designer of new consumer product using SolidWorks – 2008
  - Prototypes for analysis – SLA's, aluminum & plastics – electronic assemblies
  - Package product for manufacturing – 3D models & drawings
- Feb 2000 - Dec 2007 **The Toro Co** Riverside, Ca.  
Mechanical Designer – Pro/E, SolidWorks & AutoCad
- Pro/E - 3D Models of Irrigation products – sprinklers, controllers, sheetmetal, electronics, etc.
  - Autocad – updating & conversion into Pro E - Solidworks – overseas file changes
  - Adobe Photoshop & Corel for graphics
- March 1999–Sept 1999 **TRD - Toyota Racing Development** Tustin, Ca.  
Mechanical Designer – Pro/E & AutoCad
- Pro/E - Automotive engine, body, chassis, parts design (supercharger brackets), etc.
  - Dyno Room Design – plumbing, exhaust, fan, ducting, etc.
- Mechanical – Drafter – Designer - Cad Tech – RV Industry
- Jan 1996 – Mar 1999 **National RV, Inc** – Pro/E - AutoCad Perris, Ca.
- April 1994 – Dec 1995 **Thor Industries Inc.** - AutoCad Ontario, Ca.
- Dec 1987 – Nov 1990 **Fleetwood Ent, Inc.** – VersaCad - AutoCad Riverside, Ca.
- Design parts in plastic, sheet metal, wood, aluminum, steel, etc.
  - Plumbing and Electrical Design – New floor plan concepts- Cabinets and Tables
  - Train new Drafters /Designers when needed

## Education:

Jr. High & High School Drafting Courses - Harbor City College – Harbor City, Ca. – Architecture  
AutoCad certificate - Pro E Training – SolidWorks training - GD & T  
Bilingual – English / Spanish