

Jessica Claire

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Skills

- Autodesk Inventor
- AutoCAD
- Sketchup
- Unreal Engine / Twinmotion
- SolidWorks
- CADWorx
- VMWare
- 3D Printing
- Adobe Software
- 3D Studio Max
- Microsoft Office
- Unity 3D
- Camtasia Studio
- Litchi, Drone Automation

Education and Training

- Autodesk**
San Diego, CA • 10/2018
Certified Professional: AutoCAD
- FAA**
San Diego, CA • 05/2017
Part 107 Commercial Drone Pilot
- SDCCD Continuing Education**
San Diego, CA
Certificate Project Management
 - Continuing Education, Certificate Program, Project Management
- Intergraph**
Online • 05/2012
Certificate CADWorx, Levels 1 & 2
- FAA**
Fresno, CA • 01/2010
Private Pilot: Gliders
- KETIV Technologies**
Pasadena, CA • 07/2009
Certified Associate, Autodesk Inventor
- Digital Dimensions**
San Diego, CA • 03/2008
Certification SolidWorks Essentials
- CAD Performance**
Fresno, CA • 02/1991
AutoCAD Certificates
- St Andrews College**
South Africa • 01/1974
High School Diploma

Certifications

- Certified Professional Autocad, Autodesk - 2018
- Licensed Part 107 - 2017
- Licensed Private Pilot - 2010
- Certified Inventor, Autodesk - 2009

Summary

Motivated professional with expertise in 2D/3D Mechanical and Graphics Design. Successfully completed projects worth in excess of Multimillion Dollars. Talented at establishing trusting relationships with clients and coworkers. Committed to ensuring each piece is of quality and excellence.

Experience

- Icf International, Inc - Senior Designer**
Concord, NH • 03/2015 - Current
 - Developed unique concept designs that drove company forward in industry.
 - Presented designs to project teams and incorporated changes based on feedback.
 - Created schematics of design, components and assembly procedures.
 - Determined styles, size and arrangement of illustrations and graphics.
 - Submitted rough drafts to clients and management to gain approval.
 - Participated in several professional workshops, meetings, and conferences for Transmission
 - Used Autodesk Inventor Pro to create images and layouts.
 - Worked with customers to present mockups and collect information for adjustments.
- Bechtel - Drafting Engineer**
Cape Canaveral, FL • 02/2014 - 03/2015
 - Produced 2D and 3D design drafts using hand drawings and AutoCAD software.
 - Facilitated construction by mapping out installations and establishing reference points, grades and elevations.
 - Surveyed sites, collected measurements and assessed project conditions.
 - Conducted onsite inspections and prepared takeoffs for engineering project costing.
 - Used Autodek Inventor Pro to analyze 3D Assembly data and design solutions for FlowRider and FlowBarrel issues based on data.
- Stellar - Piping Designer**
San Antonio, TX • 03/2012 - 04/2014
 - Created isometric sketches using CADWorx Piping for AutoCAD for pipeline routings.
 - Planned out tasks and duties ahead of time to successfully manage multiple projects simultaneously.
 - Managed large piping design project for Starbucks Roasting Plant in Kent, Seattle.
 - Developed effective relationships with both company employees and corporate clients by using dynamic communication and active listening skills.
 - Filled piping systems with water and air to test for leaks.
 - Inspected and tested installed systems to isolate and identify faults.
 - Created large scale pipe assemblies, fittings, and valves to complete plumbing systems for Overhead Piping systems in AutoCAD software.
 - Inspected worksites to determine presence of obstructions, unsafe conditions and crew errors.
 - Performed emergency on-call work hours during evening, weekends and some holidays.
 - Verified and gathered measurements to determine proper piping sizes.
 - Used AutoCAD's 3D capabilities to create detailed design drawings.
- Img - Mechanical Designer**
Philadelphia, PA • 04/2004 - 10/2012
 - Created detailed mechanical drawings for piece parts and assemblies, maximizing form, fit and function through meticulous design model evaluation.
 - Developed 3D models and parts to provide ultimate control over precision and help clients and stakeholders visualize projects.
 - Communicated with customers to meet design requirements for projects.
 - Used CAD software to create models and simulations for use by manufacturing team.
 - Perform quality assurance prior to delivery of final work to clients.
 - Assembled functional and aesthetically accurate prototypes for review, working closely with purchasing team and vendors.
 - Applied computer skills including Manufacturing ERP/MRP systems, AutoCAD, Inventor.
 - Performed tolerance analysis to validate part dimensions and correct assembly.
 - Identified flaws in new sub-assembly models prior to production, omitting re-working time.
 - Assisted with design of Large Scale Water Treatment products, parts and components.
- Epoc/Exxflow Filtartion Systems - Graphic Designer**
City, STATE • 01/1991 - 10/2004
 - Leveraged proficiency in Adobe InDesign, Photoshop and Illustrator to design email blasts, catalogs, posters and other promotional materials.
 - Developed, designed, laid out and produced variety of technical illustrations for brochures, banners and signs.
 - Selected colors and themes while adding functionality to create new designs.
 - Generated digital image files for use in digital and traditional printing.
 - Worked with customers to present mockups and collect information for adjustments.
 - Created corporate brands by designing cohesive looks between logos and letterheads.
 - Created beautiful, interactive print-ready graphics for licensed products to sell in retail stores and outlets.
 - Developed engaging marketing and promotional advertisements to generate sales revenue and grow customer base.
 - Directed advertisement, banner and signage projects from conceptualization to final delivery.
 - Formatted print and web application designs and media to deliver production-ready graphics.
 - Maintained company website and updated with newly designed products and corporate announcements.
 - Used Adobe Director software to create multimedia CDs with images and UI layouts.
 - Produced projects for advertising and informational purposes.
 - Utilized knowledge of production to create high quality images.
 - Adjusted images sizes and selected fonts for **[Type]** projects.
 - Designed and printed online interactive sales and marketing collateral.
 - Developed website layouts, templates and unique branded looks for 10 projects.

Accomplishments

- Improved delivery of **[Product or Service]** by **[Action]**, realizing overall increase in customer satisfaction and cost efficiency.

Websites, Portfolios, Profiles

- <https://JessicaClaire.myportfolio.com/>
- <https://JessicaClaire6.artstation.com/>
- <https://www.linkedin.com/in/Jessica-Claire/>