

JAMES CLARK

Design Draftsperson

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PROFESSIONAL SUMMARY

Proficient Design Draftsperson with 5 years of experience in creating detailed engineering drawings and specifications. Skilled in utilizing CAD software to translate concepts into functional designs, ensuring compliance with industry standards. I thrive in collaborative environments, driving innovative solutions that enhance project quality and efficiency.

WORK EXPERIENCE

Design Draftsperson

📅 Apr / 2022-Ongoing

Quantum Solutions LLC

📍 Phoenix, AZ

1. Developed and implemented new drawing standards for specification sheets to enhance clarity and consistency.
2. Created detailed mechanical CAD drawings of components using ProE 3.0 and CadKey, ensuring accuracy based on engineers' specifications.
3. Managed documentation with precision in programs related to bills of materials for drafted parts, improving traceability.
4. Successfully completed multiple projects within deadlines while maintaining updated records on design revisions.
5. Mentored new drafters in ProE 3.0, providing assistance with drafting challenges and enhancing team capabilities.
6. Resolved issues related to missing components by requisitioning necessary fittings and pipe, facilitating project completion.
7. Collaborated effectively with various project teams to ensure alignment on design objectives and timelines.

Design Drafter

📅 Apr / 2020-Apr / 2022

Cactus Creek Solutions

📍 Phoenix, AZ

1. Utilized SolidWorks for 3D parametric CAD design, ensuring manufacturability of engineering models.
2. Coordinated assembly and parts lists using manual methods in Excel to maintain accurate records.
3. Applied FeatureWorks for part recognition, enhancing design efficiency.
4. Implemented ANSI Y14.5 standards for Geometric Dimensioning and Tolerancing in designs.
5. Acted as a liaison with SolidWorks support for troubleshooting, ensuring smooth operation within the design department.
6. Conducted reverse engineering on modular systems for robotic cleanroom applications, documenting findings for production.

EDUCATION

Associate of Applied Science in Drafting Technology

📅 Apr / 2018-Apr / 2020

Tech Institute of Design

📍 Chicago, IL

Focused on CAD design and technical drafting principles, preparing for a career in design drafting.

SKILLS

Design Software Skills



Cost Estimation



Design Revisions



Construction Methods



ACHIEVEMENTS

- 🌟 Reduced drafting errors by 30% through improved documentation practices.
- 🌟 Streamlined design processes, cutting project turnaround time by 20%.
- 🌟 Trained 5 new drafters on CAD software, enhancing team efficiency.