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## **CAD MEASURED DRAWINGS: AEC, MANUFACTURING, VECTOR GRAPHICS CONSTRUCTION FIELD MANAGEMENT**

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Self-motivated renaissance man, bachelor's degree in architecture science 1986, ~10 years manual and machine drawn preliminary design to shop drawings and construction documentation required to build anything --architectural or manufactured-- ~1997 transitioned to Day One WWW Design-Builder.

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### **EXPERIENCE**

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#### **CAD Operator, CAD Management**

##### **Wisconsin Statewide: Milwaukee County, La Crosse, Oshkosh...**

❖ Implemented and managed mini-to-micro computing CAD systems, software(s) and print/plot devices automating design and drafting of construction documentation and manufactured products. Worked as Project Architect for dozens of projects: residential, industrial, healthcare, commercial.

#### **CAD Operator Facilities Management**

##### **Children's Hospital of Wisconsin**

❖ Configured and operated the facility's 1<sup>st</sup> (Auto)CAD machine, developed CAD drawing data standards, manually updated as-built construction documentation, consolidated and converted all CAD files and file types from various architects and contractors creating the facility's 1<sup>st</sup> base drawing sets from which all future design and construction would refer. Remodeled the Neonatal ICU.

#### **CAD Operator, Production & Construction Management**

##### **RoddisCraft Custom Wood Windows and Doors, Milwaukee WI**

❖ Installed and operated AutoCAD workstation to create sets of details and measured drawings converted from German (metric) on paper to English(ft-in) units. Drafted shop drawings to comply with intent of architectural customer's designs. Oversight of installation crews.

#### **CAD Consultant**

##### **Wisconsin Architect Magazine, Madison, WI; City of Oak Creek, Oak Creek, WI;**

##### **Wisconsin Land Information Board, State of Wisconsin; others...**

❖ Acknowledged IT technology expert adopted and used CAD on mainframe to the desktop authored column for Wisconsin Architect Magazine, public speaker advocating and advising acquisition and use of CAD/computing by consulting to AEC firms, organizations and governmental entities during the "Day One" era when CAD (Computer Aided Design) and GIS (Geographic Information Systems) first became commercially available.

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### **SOME TALENTS & SKILLS**

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- ❖ 2D/3D CAD for architectural, engineering and manufacturing.
- ❖ Graphic Arts/Imaging: sketching, paint, ink, vector illustration, product photography.
- ❖ Audio/Video/Photography: lyricist, musical and narrative compositions, performance; Videographer/Photographer: 16mm film, 35mm film, digital photography creation and editing.

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### **EDUCATION**

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#### **University of Wisconsin School of Architecture and Urban Planning -**

**Milwaukee, WI**

- ❖ Bachelor of Science Architectural Studies

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### **COMMENTS**

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