## Jeffery W. Rath Littleton, CO 80127 Home 303-932-0164 Cell 720-413-6489 <u>trees3d@earthlink.net</u>

**Overall Experience:** 

I have spent most of my career as a BIM Manager, Autodesk Construction Cloud (ACC) Manager, BIM 360 Manager, Cad Manager, technology leader, Autodesk Content Catalog, Revit model manager, and virtual design coordinator. The last 18 years my experience is pretty much all Revit. I have been described as a "Revit evangelist" or a "Revit Rock Star". I have also been a Revit and Cad trainer, Architectural designer, Architectural illustrator, and a Network Administrator. My strongest skills are, the Revit Family editor, ACC Manager, BIM Manager, BIM 360 Manager, 3d modeler, and Architectural renderer. As an Architectural designer and a BIM Manager, I firmly believe that Revit is the industry standard and is rapidly replacing tools like AutoCAD and Sketchup in Architectural practice. I have a very high degree of expertise using and managing Revit software, and ACC in Architectural practice. I have been on the cutting edge of using computers in Architectural practice for more than 30 years. Most of my experience is Architectural, I have limited Engineering experience.

### May 2022 to Present

JLA Architects Denver Co JLA ARCHITECTS

BIM Manager ACC / BIM 360 Manager

At JLA I am the BIM Manager and the ACC / BIM 360 manager. My duties are, managing and implementing Autodesk Content Catalog, creating and organizing Revit families, creating and maintaining Revit templates, ongoing Revit training, and I am the Revit help desk. I implemented an improved ACC and BIM 360 templates. I also work with the IT department updating Autodesk products, and I also do Revit visualization. I create "one pager" learning documents. At JLA I support 3 separate offices as BIM Manager. (Architecture)

### July 2021 to May 2022

Valhalla Engineering Englewood CO www.valhallaengineering.com

Revit Specialist / Revit Model Manager

At Valhalla I worked on implementing Revit usage in the Firm. I managed Revit models and coordinated data exchange with consultants, and created families. I worked with a team of professionals to establish and maintain Revit standards, and I solved difficult Revit problems. Valhalla does mainly VA hospitals. (Architecture & Engineering)

### 2016 to 2021

# Coover Clark & Associates Denver CO www.cooverclark.com

### BIM Manager

At Coover Clark I was a working BIM manager which means that I worked on projects and managed the BIM software, I did 3d modeling, and 3d rendering and visualization. I also audited central files, maintained templates, maintained standards, archived backups, managed models, created families, worked on construction documents, fixed geometry problems in models. I trained, assisted, and mentored the younger staff in the office working on Revit models. I also did architectural designing and animations of projects in the office. I also updated workstations with current versions of Autodesk products. I coordinated exchanging data with consultants which includes BIM 360, and other cloud or ftp applications. Working with the IT dept I maintained and upgraded the Autodesk software on workstations. Coover Clark is an award winning Architectural that does mainly Military and Airport work. (Architecture)

## 2014 to 2016

I worked as BIM Manager, Revit Specialist, and Revit Designer for a few different firms these were full time and contract positions in Architectural and Engineering firms. (Architecture & Engineering)

## 2007 to 2014

URS Denver, CO www.aecom.com

Architectural Design Supervisor.

At URS I worked mainly with Revit. I worked with teams of architects and engineers on various energy projects including mining, nuclear, power plants. I coordinated the exchanging data between the architects and engineers. I created and maintained Revit templates, and Revit families that were used on Architectural, Structural, Mechanical, and Electrical drawings. I built and coordinated BIM 3d models for clash detection, and client model reviews. I created custom Revit families. I worked on various military projects for Corps of Engineers and Directorate of Public Works. I was trained extensively in Revit, and assisted other architects in implementing Revit. I also attended Autodesk University. URS was an engineering and construction firm with over 50,000 employees. URS was purchased by AECOM after I left. (Architecture & Engineering)

## 1992 to 2006

MAS Associates Inc. / Trinity Design Farmington Hills, MI www.hksinc.com

Cad Manager, Information Systems Manager, Network Administrator.

At first I worked primarily with teams doing construction documents for hospitals and medical office buildings. Then I did a lot more Cad management, and software training. Then I took on the additional responsibility of the network administrator. I was responsible for a major transition from Arris to AutoCAD, and a major transition from UNIX to Windows. I managed a computer network that grew to over 50 computers. I created and implemented Cad standards, a Cad Manual, and designed many custom menus and routines to make the Cad work easier for the end user. I implemented a system of standard details. I did software training, support, and customization. I did 3d modeling and rendering. Some of my 3d renderings were posted on several internet sites. I also worked on architectural construction documents. MAS Associates / Trinity Design was an award winning architectural firm that did a lot of medical work, they ranged in size from 20 to 50 employees. Trinity Design was purchased by HKS after I left. (Architecture)

# Before 1992

I worked for several Architectural, Interior and Illustration firms doing 2d drawings and 3d models and Architectural visualization. (Architecture)

# EDUCATION:

CITY COLLEGE OF SAN FRANCISCO, San Francisco, CA

Architectural undergraduate studies.

UNIVERSITY OF CALIFORNIA, Berkeley, CA

Bachelors in Environmental Design, Major in Architecture.

Graduate studies in computer applications to architectural practice.

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