

Dijon Marcelle Jones

San Francisco, CA. 94133

+1 (510) 850-6023

d.marcellejones@gmail.com

<https://www.linkedin.com/in/dijon-jones-8438b9b/>

PROFESSIONAL EXPERIENCE

Senior Systems Manager

Volumetric Building Company

Feb 2023 – Current

Tracy, CA

- Working with architectural and MEP design teams to optimize manufacturability based on factory standards, buildability based on onsite access limitations and procure-ability by identifying alternative solutions to products that are unprocureable within the timeframe allotted.
- Identifies systems clashes and develops resolutions using Revit, Navisworks and Bluebeam with the goal of delivering a project to the fabrication drawing team that requires minimal coordination and revision.
- Develops and manages module matrices which concatenate consultant specifications for MEPSF systems of each module in excel format, to determine the number of unique assemblies in project.
- Based on the number of assemblies and historical data, I developed metrics to determine the number sheets that can be completed per assembly type, per day. This information is then used to create drafting/modeling schedules and to coordinate staffing.
- Manage multiple drafting teams in different continents and time zones toward a cohesive goal by clearly communicating work instructions, deliverables and expectations.
- Developed and implemented BIM standards to improve modeling/drafting efficiency and drawing clarity.
- Oversee quality control to ensure drawings are in line with contract documents and factory standards.
- Implemented change management procedures to address changes in schedule and specification, and changes that improved manufacturability, are properly documented and that the correct shop drawing is provided when required.
- Responsible for coordinating "Set Package" documentation to communicate required site connections, access for site connections and shipped loose items.

Senior Manufacturing Engineer

Factory OS

Feb 2020 – Feb 2023

Vallejo, CA

- Responsible for spearheading interdisciplinary coordination, and guiding regulatory and fabrication documentation for the modular scope of wood framed multi-family housing projects
- Successfully introduced Bluebeam coordination strategies which improved, interdisciplinary coordination, fabrication drawing efficiency and reduced RFIs
- Implemented a workflow that translated 2D interdisciplinary coordination documentation into an excel formatted module matrix
 - The compiled data was used to identify unique assemblies by types, which were subsequently modeled in Revit.
 - The module matrix was also used to develop bills of materials, produce project projections and to track fabrication drawing deliverables
- Developed and managed a cloud-based BIM workflow that improved version control and design efficiency
- Produce fully coordinated BIM models and fabrication drawings of all architectural, structural and MEPSF systems
- Worked with company stakeholders to develop a state approved library of factory standard details
- Oversaw the development of graphic standards and Revit ITM content libraries that improve drawing accuracy and efficiency
- Established design and documentation deliverables from project consultants and fabrication drafting teams to ensure regulatory drawings were submitted and approved as scheduled

Adjunct Professor

University of San Francisco

Jan 2019 – Dec 2022

San Francisco, CA

- Taught classes in BIM & Applications, Materials and Methods and Architectonics

Job Captain

RAD Urban

Jan 2019 – Oct 2019

Oakland, CA

- Worked with project architect in developing drawing sets from design development through construction documentation, and successfully obtaining approval from the City of Oakland
- Responsible for the development and coordination of drawings and specifications including program compliance, code and agency compliance, schedule commitments, and product research
- Managed coordination with fire protection consultants and plan check officials toward the design and development of a rated head of demising wall joint assembly; resulting in a successfully submitted and approved Alternative Material and Methods Request (AMMR) from the City of Oakland
- Designed and developed a rated perimeter fire barrier assembly resulting in an engineering judgement expressing equivalency and approval from the City of Oakland

Production Designer

Nautilus Group / RAD Urban

June 2017 – Jan 2019

Oakland, CA

- Responsible for the design and development of aluminum curtain walls, cladding, and panelized exterior wall systems (aka The Mega Wall System)
- Developed design concepts, details, elevations, and field drawings such as adjustable brackets anchors and male/female mullion layouts
- Led and managed drafting personnel in the preparation of detailed and fabrication drawings
- Prepared material takeoffs and assisted manufacturing in procuring materials on-time and in the correct specifications and quantities

Designer / Project Manager

4Front Holdings, LLC

June 2015 – Sept 2018

Phoenix, AZ / Berkeley, CA

- Worked with project stakeholders to create a retail concept that challenged California's over-the-counter retail model and implemented an 'apple store' style retail model
- Responsible for developing schematic design packages and coordinating with the project architect throughout the design development process
- Developed RFQs, assisted with design team selection, contract negotiations, and coordinated with the project architect from Design Development through Pre-Construction
- Managed communication between vital stakeholders, including design team, ownership, investors, contractor, subcontractors, and local officials

Freelance Designer / Drafter

Bryte Design, LLC / Bank of Marin / Ferrari Moe, LLP

July 2015 – July 2017

San Francisco, CA

- Production and coordination of waterproofing details for subgrade structures, slabs, roofs, decks, fenestrations, and curtain walls
- Inspected plumbing, electrical, and other trades and/or systems to ensure that the draw amount requested was consistent with the percentage of work completed
- Responsible for developing schematic design (SD) and design development (DD) packages

Architectural Designer

MWA Architects

Nov 2013 – Sept 2016

San Francisco, CA

- Assisted senior staff with design ideas, solutions, and documentation
- Contributed to the development of construction bid documents within budget and schedule
- Gained experience in project scheduling, planning, and documentation
- Developed and managed BIM models and created presentation renderings

Architectural Designer and Assistant Project Manager

University of San Francisco Project Management Office

April 2006 – Dec 2010

San Francisco, CA

- Developed schematic design packages and coordinated space planning & programming with potential user groups
- Worked collaboratively with engineers, architects, and contractors from conceptual design to permitting, construction, and occupancy
- Collaborated with architects, building officials, and contractors for permit approvals

EDUCATION**Master of Architecture**

University of Oregon

June 2013

Eugene, OR

Bachelor of Arts in Architecture

University of San Francisco

Dec 2007

San Francisco, CA

SKILLS

Revit, AutoCAD, SolidWorks, Vectorworks, ArchiCAD, SketchUp, BIM, Procore, Navisworks, Asana, Bluebeam, Microsoft Excel, Adobe Creative Cloud