KATIE ANDERSON

CONTACT

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EDUCATION

1998-2000 **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** Cambridge MA M Arch
1994-1995 **HARVARD GRADUATE SCHOOL OF DESIGN** Cambridge MA Graduate Studies
1992-1995 **CLEMSON UNIVERSITY** Clemson SC B Arch

EMPLOYMENT

2009-Present **CANNONDESIGN** Denver CO

Senior Associate, Design Lead, Project Manager

Lead designer for exterior and interior of multiple project types including government, Pre K-12, higher education, and corporate. Responsible for establishing a vision for the project and working with consultants and internal team to maintain the vision while understanding the realities of technical and budget constraints.

Hands-on approach involves both oversight of the team as well as jumping in to create the 3D visuals and construction documents using Autodesk Building Information Modeling software (BIM) Revit. Presently using Revit, Enscape and the Oculus VR kit to study design and guide clients through virtual walkthroughs.

Active contributor in interview pursuits to win new work which includes working under tight deadlines (often just days) to generate a compelling design presentation. Involves understanding client needs from RFP, site opportunities, and constraints followed by taking the concepts into 3d visualizations and presenting to the selection committee.

Selected Projects:

- Byron Rogers Federal Office Building Denver CO – Tenant Interior for multiple levels
- Colorado State University Animal Sciences Ft Collins CO – Architectural design and interiors
- Colorado State University Shepardson School of Agriculture Ft Collins CO -Architectural design and interiors
- Aurora Public School – CSU Global Office headquarters Aurora CO- Architectural design and interiors
- Riverview K12 School Glenwood Springs CO – Interior design
- Cherry Hills Village City Hall Cherry Hills CO - Architectural design and interiors

2009-2011 **ANDERSON MASON DALE ARCHITECTS** Denver CO

Project Architect, Designer

Collaborated with project manager on the design of the Colorado School of Mines School of Engineering, a 70,000 sf LEED gold facility. Responsible for exterior detailing of exterior skin of zinc, masonry, metal panel, curtain wall and solar shading. Provided oversight for utilization of BIM using Revit in the design process from SD through CA.

Considered to be an internal BIM expert, additional responsibilities included coaching others in Revit and giving training seminars. Responsible for monthly BIM lunches and evening workshops to help staff improve skills and learn new tips.

2007-2008 **HUMPHRIES POLI ARCHITECTS** Denver CO

Project Manager

Project manager and designer for wide variety of building types, including a 100 unit affordable housing project in Denver, a town hall near Durango, the Grand Junction Fire Station and a portion of the Opera House in Denver. Work involved the design, management of the construction process, staff, consultants and project budget.

Presented "Implementing BIM within an Architectural Practice" at the 2007 AIA Colorado convention to demonstrate how the office overcame challenges with implementing BIM. Created a Revit office manual for employees.

2004-2007 **DECKHOUSE / DWELL HOMES by EMPYREAN** Acton MA

Designer/ Project Manager

Designed custom homes with one of the oldest and largest design-manufacture-build companies who started the prefabrication of modern housing in 1947. Managed every aspect of the design/build process—from initial customer inquiry, sales and marketing, to site selection, design, cost estimating, builder selection and construction of the custom home. Developed a high level of organizational and interpersonal skills through working daily with clients, developing builder relationships, and coordinating the design and fabrication of the new home. Partnered with Dwell magazine to develop the Dwell Homes, a series of modern prefabs sold and featured in the magazine. Designed and managed interior design for the first Dwell model home.

3D Visualization / BIM Leader

Initiated the use of Autodesk Revit for Building Information Modeling and 3D visualization. In charge of transitioning the design department from 2D to 3D and training other architects and designers to use Revit. Created 3D visualizations for publication in Dwell magazine and design conferences. Developed innovative application to allow clients to view a 3D model along with real-time pricing of evolving design.

Sustainability Initiative

Launched Green Team—a bi-weekly group discussion on implementing green practices at Empyrean. Successes include achieving Energy Star certification for Deckhouse's own windows and doors; presenting sustainable design topics such as the Energy Star program to the project managers, officers and designers; documenting the environmental aspects of the company's building products and finding new materials such a FSC certified wood.

2002-2004 **AUTODESK INC.** Boston MA

Quality Assurance Engineer for Autodesk Revit

One of a small team of architects hired to shape the design and development of Autodesk Revit in its infancy. Work contributed directly to new functionality such as multi-user usability and improvements in user interface and product reliability. The resulting product has become the world's leading BIM software.

Developed a high level of skill and intimate knowledge of the Revit program through daily interaction with software developers and quality assurance engineer team. Work experience with Autodesk and the "behind the scenes" of software has become invaluable in my current work as an architect and ability to help others learn BIM.

2000-2002 **WOOD + ZAPATA ARCHITECTS** Boston MA

Job Captain / Intern

Part of a young, small team designing the Chicago Bears Stadium at Soldier Field. Produced the interior design package for the entire stadium. Developed the design and documentation for 144 executive suites. Worked independently with mechanical, structural and lighting consultants at Ellerbe Beckett and traveled to Chicago to coordinate complex system requirements with the design intentions of the stadium. Other projects included investment headquarters interior in Manhattan and home for music video director on Montauk Island.

TEACHING

2009-2011 **INITIAL AEC** Denver CO

Initiated a monthly evening Revit workshop series for leading Autodesk training center geared towards professionals in architecture and construction industries. Developed a Revit for Managers class to help managers understand how BIM impacts their role.

2009-2011 **THE ART INSTITUTE OF COLORADO** Denver CO

Taught one of first BIM courses at the Institute. Utilized Autodesk training material for basis of the course, then added a semester project to model and render an iconic home to allow students to explore a creative application of the software, culminating in an end of semester presentation of the work.

2005-2008 **BOSTON ARCHITECTURAL COLLEGE** Boston MA

Initiated first course for BIM at the college. Hands-on instruction combined with lectures introduced basic modeling (site, walls, roofs, floors), project set up (sheets, annotations) and more advanced modeling (family creation, stairs, compound walls, rendering). Developed curriculum that began with a shared group project, designed to foster class interaction and discovery, followed by individualized projects as students gained confidence in using the software.

1998-2000 **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** Cambridge MA

Teaching Assistant Level 1 Undergraduate Design Studio. Taught a group of 12-15 first and second year design students

under the guidance of senior design faculty. Instructed students about the use of physical modeling and hand drawing exercises to facilitate the design process. Initiated class discussions about architecture, gave individual desk critiques and organized reviewers for large group pin-ups.

COMMUNITY

CAPITOL HILL COMMUNITY Denver CO

Board President for 48-unit historically significant International style building in Capitol Hill; working to improve architectural contribution of building to the Cap Hill community and manage improvement projects

CANNONDESIGN Denver CO
Organized community volunteer day at the Urban Farm for Denver office for past 2 years.

CITIZEN SCHOOLS MENTORING PROGRAM Boston MA

Taught apprenticeship program to introduce young people in disadvantaged areas of Boston to a design career

SOFTWARE

Autodesk Revit, Enscape, Oculus Rift VR, AutoCAD, 3D Studio Max, Adobe Photoshop, Indesign