

I bring together a deep knowledge of design, architectural representation, and computing to solve challenging architectural problems. My work experience is divided roughly equally between designing buildings, designing processes, and leading and managing institutional change.

EDUCATION

- 08 / 03 – 05 / 07 **Yale University School of Architecture** New Haven, Connecticut
Master of Architecture.
Honors: H.I. Feldman Prize nominee ('06 & '07), Hilder Family Scholarship ('07)
- 09 / 99 – 06 / 03 **Stanford University** Stanford, California
Bachelor of Arts with distinction and departmental honors (Urban Studies)
Honors: President's Scholar ('99), Phi Beta Kappa ('03), Quad Award in Architectural History ('03)

WORK

- 10 / 14 – / **Independent Projects** Brooklyn, New York
I am currently working on [Achitecture.tech](#), a blog about the intersection of architecture, building culture, and computing, and *Programma*, a design environment for architectural programming.

- 09 / 07 – 10 / 14 **Robert A.M. Stern Architects (RAMSA)** New York, New York
06 / 13 – 10 / 14 Director of Integrated Design
07 / 12 – 06 / 13 Manager of Integrated Digital Design
11 / 11 – 10 / 14 Associate
09 / 07 – 11 / 11 Designer, Project Manager, Project Building Information Modeling (BIM) Manager

I worked as a designer on several projects before joining the [Yale Residential Colleges](#) team in 2008; from 2009, I was the project BIM manager. In 2012, I took over leadership of the firm's BIM Initiative, in which only three project teams were participating. Through organizational and technical leadership, I lowered the rate at which teams were abandoning BIM from over 50% to under 8%, and guided [over two dozen project teams](#) through successful BIM implementation.

Critical to this success was my insistence that BIM is principally a problem of *architectural practice*, rather than *software-technical support*. To this end, I established a new studio department, the Integrated Design Group; organized regular project reviews to prevent avoidable problems; built a wiki to help teams share techniques; established a rotation of experienced design staff to provide holistic support; introduced new recruiting and staff-development practices; and designed a range of BIM techniques to meet the high demands of RAMSA's design process.

- 06 / 06 – 12 / 06 **Porphyrios Associates** London, England
Architectural Assistant. I worked on the design and documentation of several projects, including an island resort in the Turks & Caicos and an urban master plan in Doha, Qatar.
- 07 / 05 – 09 / 05 **Retrospecta** New Haven, Connecticut
Deputy Editor, Programmer. For the annual publication of student work at the Yale School of Architecture, I edited articles and a glossary, and I set up word-processing automation to manage the work of a group of editorial assistants assigned to prepare transcripts of design reviews.
- 06 / 04 – 08 / 04 **Dean Sakamoto Architects** New Haven, Connecticut
Model Builder. As part of the team for the [exhibition](#) and [book](#) *Hawaiian Modern: The Architecture of Vladimir Ossipoff*, I researched details, fabricated model components, and designed jigs and fixtures to speed up the model-making process.
- 06 / 02 – 08 / 02 **Duane Phillips Architektur + Städtebau** Berlin, Germany
Intern. While working on [urban design](#) and [mixed-use](#) projects in Berlin, I also researched and wrote several entries for Duane Phillips' book, [Berlin: A Guide to Recent Architecture](#)
- 10 / 99 – 06 / 03 **The Stanford Daily** Stanford, California
Photographer, Photo Editor, Managing Editor for Photography, Photo Archivist. In addition to regular photographic and editorial work, I oversaw final transition to all-digital photography and redesigned the photo information system to integrate better with the newsroom.

RECENT ARCHITECTURE PROJECTS

- 04 / 12 – 10 / 14 **Building Information Modeling Initiative**
I supervised BIM implementation on [26 projects](#), working with the partners, project managers, and the project teams on everything from rendering techniques to contracts:
- 08 / 08 – 10 / 14 **[Yale Residential Colleges](#)** New Haven, Connecticut (est. completion 2017)
Designer, Project lead for planning, BIM Manager. On this half-million-square-foot project in the collegiate Gothic style, I started as a designer and ended as the project BIM manger. I did a full range of architectural work in all phases, from concept design to contract administration. As BIM manager, I oversaw all of the modeling techniques used by a team of up to 30 people working in Revit. To address the large size of the team and the complexity of the project and the digital models, I developed [specialized Revit modeling techniques](#), wrote various automation routines, implemented several knowledge management resources including a wiki and an issue-tracking database, and worked with Gehry Technologies to develop a system for documenting complex stonework in Digital Project. I also worked on numerous contractual and client-relations issues related to BIM delivery.
- 03 / 09 – 04 / 09 **[Tour Carpe Diem](#)** Courbevoie, France (built 2013)
Designer, CAD Manager. I worked on winter-garden roof and facade details. As CAD manager, I taught the team several advanced techniques to increase CAD productivity.
- 04 / 09 – 05 / 09 **Blavatnik School of Government, Oxford University** Oxford, England (competition 2009)
Designer. Under a tight deadline with two clients (the donor and Oxford Estates), I worked on plans; precedent, site, and code research; presentation drawings and graphics; and coordination with the clients.
- 09 / 07 – 02 / 09 **[Uncommon Schools / Achievement First High School](#)** Brooklyn, New York (built 2010)
Designer, Project Manager. I worked on all aspects of design, from plans to [facade details](#); and coordinated with the client, the executive architect, and the structural and civil consultants.

LECTURES

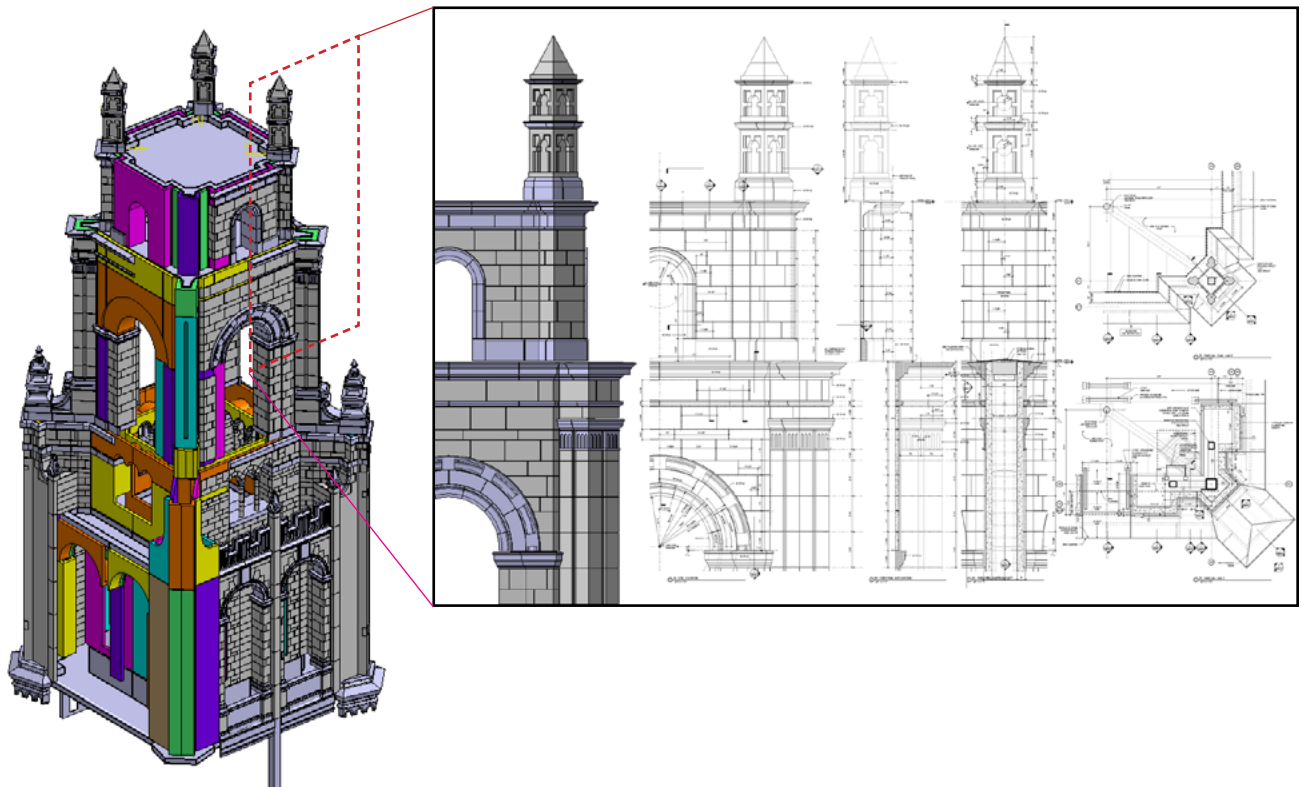
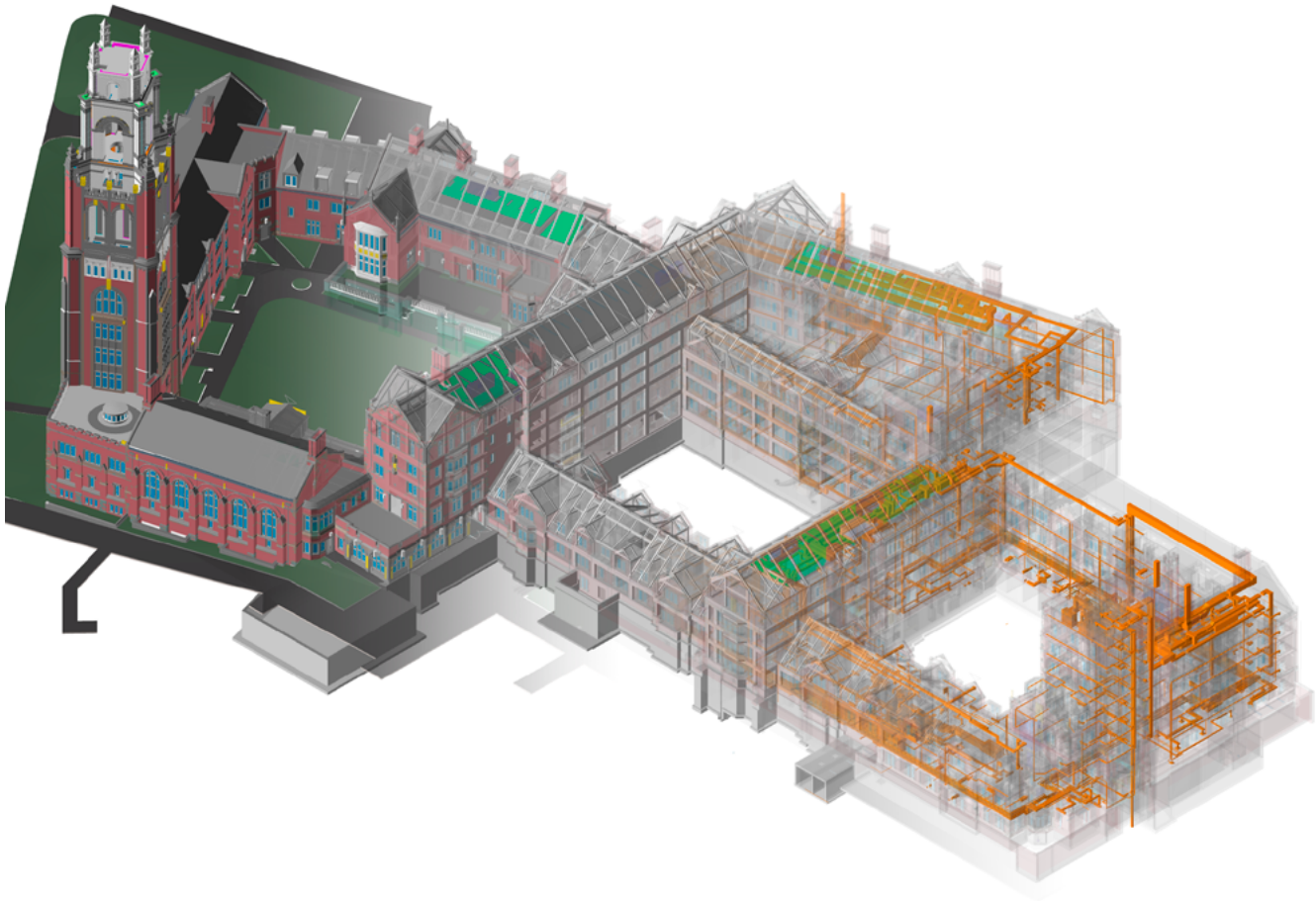
- 04 / 13 **'BIM Meets Collegiate Gothic'** [Traditional Building Conference](#), Norwalk, Connecticut
- 11 / 12 **'BIM Meets Collegiate Gothic'** [Traditional Building Conference](#), Chicago, Illinois
- 12 / 11 **'An Analytical Approach to Autodesk Revit Modeling Strategy'** Autodesk University, Las Vegas
- 02 / 08 **'Axonometry and the Work of James Stirling'** James Stirling Seminar, University of Michigan

TEACHING & RESEARCH

- Yale School of Architecture** New Haven, Connecticut
- 09 / 05 – 12 / 05 Teaching Assistant, "Case Studies in Architectural Theory," Claire Zimmerman, lecturer
- 01 / 05 – 05 / 05 Teaching Assistant, "Berlin 1890-1920," Lauren Kogod, lecturer
- 01 / 04 – 05 / 04 Teaching Assistant, "Berlin 1890-1920," Lauren Kogod, lecturer
- 09 / 04 – 12 / 04 Teaching Fellow, "Introduction to the History of Art," Prof. Vincent Scully



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| A | Heavener School of Business, University of Florida | Academic |
| B | College of Business Administration, University of Nebraska-Lincoln | |
| C | Becker Business Building, Florida Southern College | |
| D | Correll Hall, Terry College of Business, University of Georgia | |
| E | Downtown Hartford Campus, University of Connecticut | |
| F | Science and Allied Health Building, Marist College | Multi-Unit Residential |
| G | Harvard Kennedy School Campus Expansion
School of Communications, Elon College | |
| H | Renovation and Expansion of the Hewitt School, New York, NY | |
| I | New Residential Colleges, Yale University | Office / Mixed-Use |
| J | Schwarzman College, Tsinghua University
Dormitories, Marist College | |
| K | The Yards, Washington, DC | |
| L | 1601 Vine St, Philadelphia
Lovejoy Wharf, Boston | Cultural / Religious |
| M | Vanke Development, Hangzhou, China | |
| N | Vanke Development, Shanghai, China | |
| O | AVIC International Square, Dalian, China | Single-Family Residential |
| P | 900 16th St, Washington, DC | |
| Q | Damrak, Amsterdam
Office fit-out, financial services firm, New York, NY | |
| | Museum of the American Revolution, Philadelphia | |
| | International Tennis Hall of Fame, Newport, RI (Project) | |
| | Birmingham (Alabama) Public Library Renovation | |
| | Immanuel Chapel, Virginia Theological Seminary | |
| | Private Residence, Martha's Vineyard, Massachusetts | |



WILLIAM WEST UNCOMMON SCHOOLS /
ACHIEVEMENT FIRST H.S.
(RAMSA)

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