

# TODD COSTAIN

2209 Christian Street  
Philadelphia PA 19146

costain@alumni.upenn.edu  
(612) 202.7884

## Academic Awards & Publication:

Merit Chair Scholarship 2005 - 2008  
Will M. Melhorn Scholarship 2006  
First Place Landscape Category:  
Penn Design Photo Contest 2005, 2006  
E. Lewis Dales Traveling Fellowship 2007  
Bockius Traveling Fellowship 2007  
Penn Design Work Publication 2008

## Academic Awards & Publication:

Honorable Mention and publication:  
ACSA / AISC Design Competition 2005  
School of Design Fellowship 2004 - 2005  
Best of Show; Art + Design Competition 2005  
Dean's List 2005

## Academic Honors / Awards:

Dean's List 1999

## EDUCATION & ACADEMIC EXPERIENCE

### School of Design, University of Pennsylvania

Philadelphia, PA

Master of Architecture, Professional Degree

2005 - 2008

**Activities:** Men's Captain and member of Wharton Club Crew Team (2005-2009); Research Assistant, TC Chan Center for Building Simulation and Energy Studies (2005-2006); ULI Competition Participant (2007); UPenn Representative in KPF Fellowship (2007)

**Faculty:** Lecturer

2008 - present

Assistant for M.Arch Post-Professional Studios (Fall '08) & M.Arch 3rd year Studio (Spring '09)  
Co-taught Post-Professional workshop on design & presentation software (08/2008)

### Architectural Association

London, UK

Visiting Diploma Student

Fall Term, 2007

### School of Design, University of Minnesota

Minneapolis, MN

Master of Architecture Candidate

2004 - 2005

**Activities:** Student Chair, Cass Gilbert Committee; Mentor, Architectural Youth Program

Bachelor of Arts, Architecture / Minor of French Studies

1997 - 2001

**Activities:** AIA Mentorship program; Mentor in YMCA Youth Program

### Universite de Paul Valery

Montpellier, France

Completed Linguistics, Art and Culture courses in French

Fall Term, 1999

## PROFESSIONAL EXPERIENCE

### Architectonics, New York NY

03/2009 - 06/2009

**Architectural Designer:** Assisting with conceptual design and development, physical & 3D modeling, rendering and presentation of an international design competition entry.

### FLOAT, Philadelphia PA

05/2007 - present

**Project Designer / Architect:** Furniture design for in-house line and contract clients

#### • Product Design and Development

Generated conceptual designs for new products, researched materials and produced cost estimates of production, executed prototype models and renderings for development

#### • Product Production

Completed shop drawings for and corresponded with manufacturers and pattern makers, setup and modeled 3D files for CNC milling, 3D printing and visualization for marketing

#### • Catskills Residence (2009-present)

Completed SD & DD drawings for a single family residence

### Ballinger, Philadelphia PA

05/2006 - 09/2006

*Children's Hospital of Pennsylvania:* 28-story research and office tower (in DD). Philadelphia, PA

• Generated all 3D CAD models as well as interior and exterior renderings pertaining to the Lobby, Public Spaces and Plaza for in-house design reviews and client presentations

### Barbour LaDouceur Design Group, Minneapolis MN

05/2005 - 09/2005

*The Nicollet:* 56-story mixed use condominium tower (in SD). Downtown Minneapolis, MN

• Developed designs, 3D models and concept images of the lobby, retail areas and selected units

### Eclipse Architectural Group (EAG), Minneapolis MN

04/2002 - 09/2003, 09/2004 - 05/2005

• Completed Schematic Design, DD and CD drawing sets, as well as physical and 3D computer models and presentation renderings for single family residences

## SOFTWARE

- **Design and Rendering:** AutoCAD, Rhino, 3D Studio Max, Maya, Generative Components, GEM parametrics, and Real Flow. Vray, Mental Ray and Maxwell rendering engines. Intermediate experience with Rhino scripting and Rhino Grasshopper parametric plugin.
- **Presentation, Video, and Web:** Adobe Photoshop, Illustrator, InDesign, After Effects, Premiere, Flash, Dreamweaver and QT Virtual Reality Software