

## Ellen Yi-Luen Do

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### Education

- 1992 - 1998 Ph. D. (Dissertation: The **R**ight **T**ool at the **R**ight **T**ime -- Investigation of Freehand Drawing as an Interface to Knowledge Based Design Tools)  
Architecture, Design Computing  
Georgia Institute of Technology
- 1990 - 1991 Master of Design Studies, Design and Computing  
Harvard University, Graduate School of Design
- 1983 - 1988 Bachelor of Architecture (Honors, Dean's List) minor in Urban Planning  
National Cheng Kung University, Taiwan, R.O.C.

### Work Experience

- 2006 - present \* Associate Professor (joint appointment in College of Architecture & College of Computing)  
Design Computing, PhD Program, College of Architecture, & Human Centered Computing  
School of Interactive Computing, College of Computing, Georgia Institute of Technology
- 2004 - 2005 \* Associate Professor  
Computational Design, School of Architecture, Carnegie Mellon University  
teaching and research in design computing, Co-Director, Computational Design Lab
- 1999 - 2004 \* Associate (tenured from September 2003) and Assistant (99-2003) Professor  
College of Architecture & Urban Planning, University of Washington, Seattle  
teaching and research in design computing, Co-Director, Design Machine Group
- 1994 - 1999 \* Professional Research Associate and Instructor  
College of Architecture & Planning, University of Colorado, Boulder  
research on computer support for design: diagrams, **d**rawing & constraint based  
architectural design methods, teaching computer graphics **p**rogramming classes
- 1994 \* Research Assistant  
College of Architecture, Georgia Institute of Technology  
implementing Isovist & Space Syntax into computer tools for design analysis
- 1993 - 1994 \* Teaching Assistant/ Instructor, College of Architecture  
teaching Alias visualization software & cross platforms multi-**m**edia applications  
with incorporation of design studio project sponsored by Coca Cola Foundation.
- 1992 - 1994 \* Research Assistant/ Researcher in joint project of ARCHIE,  
College of Computing & College of Architecture, Georgia Institute of Technology  
**C**ase-**B**ased **R**easoning for conceptual design with **P**ost **O**ccupancy **E**valuation data
- 1990 - 1992 \* Technical & Teaching Assistant, Computer Aided Design Resources Department  
Harvard University, Graduate School of Design  
Technical support for computer applications, academic consulting of computer-aided design  
for students and faculty members, operational assistance of network implementations.
- 1989 - 1990 \* Research Assistant & Designer  
Tourism Bureau, Ministry of Communications, Taipei, Taiwan, R.O.C.  
Tourism resort design, scenic spots planning, project management and publications.  
Orange Country Preserved Fruits Display Center
- 1989 \* Designer  
C. H. Ho / International, Architects & Planners, Taipei, Taiwan, R.O.C.  
Award winning **d**esign competition (commercial complex), campus planning, spatial layout
- 1988 - 1989 \* Teaching & Research Assistant  
National Taiwan University, Graduate Institute of Building and Planning  
research, class preparation and lab conducting on public open space and urban disaster design
- 1987 \* Researcher  
National Taiwan University, Institute of Architecture and Urban Studies  
\* Intern Architect, Draftsman, Designer, Spatial Layout Organizer  
C. Y. Lee & Partners, Architects, Planners, Taipei, Taiwan, R.O.C.  
Taipei Regent Hotel
- 1986 \* Instructor  
Tainan Culture Center, Tainan, Taiwan, R.O.C.
- 1985 - 1986 \* Researcher  
Studio of Chinese/**C**ontemporary **A**rchitecture, **L**andscape, and **E**nvironment, Tainan, Taiwan