

ALEXANDER WATCHMAN

6224 23rd Avenue NE #ADU / Seattle WA / 98115
alexander.watchman@gmail.com / 651.283.3271 / www.alexanderwatchman.com

EDUCATION

2010 - 2014 HARVARD UNIVERSITY / GRADUATE SCHOOL OF DESIGN / Cambridge MA
Master in Architecture

2004 - 2008 UNIVERSITY OF MINNESOTA / COLLEGE OF DESIGN / Minneapolis MN
Bachelor of Science in Architecture

PROFICIENCY

2D and 3D Graphics	Revit, AutoCAD, Rhino, SketchUp and SolidWorks
Rendering	Adobe Photoshop, InDesign and Dreamweaver
CNC Machining	V-ray, 3DS Max and Kerkythea
Fabrication	MasterCAM, RhinoCAM / Onsrud, AXYS, CMS and Bridgeport operation
Languages	Framing and finish carpentry, architectural model building Fluent Danish and American Sign Language

EXPERIENCE

2010 - 2014 HARVARD GSD FABRICATION LAB / Cambridge MA
Head Woodshop and CNC Machining Assistant

- Taught four semesters of woodshop skills and CNC programming/machining classes
- Trained students and staff how to properly and safely use woodshop and CNC machinery

2011 - 2014 HARVARD GSD EXHIBITIONS DEPT / Cambridge MA
Exhibition Design, Fabrication and Installation Team

- *Ceramic Futures* (2011), *Cartographic Grounds* (2012), *Buildings That Heal* (2012), *The Thinking Hand* (2013-2014)

2012 and 2013 HARVARD GSD ARCHITECTURE DEPT / Cambridge MA

'SCI 06121: Materials and Construction' Graduate Course Section Instructor

- Taught first-year course section focused on material technology, fabrication and construction

Summer 2013 MACHADO + SILVETTI ASSOCIATES / Boston MA

- Continuation of academic design work on Menokin Foundation project

Summer 2013 KIEL MOE ARCHITECT / Cambridge MA + Halifax VT

- Design and construction of custom stacked timber writing cabin in rural Vermont

Summer 2012 KENNEDY + VIOLICH ARCHITECTS / Boston MA

- Construction documents for Tozzer Library renovation at Harvard University

Summer 2011 FORCE4 ARKITEKTER / Copenhagen DK

- Drawings, 3D models and design review presentation for a public fish market in new harbor redevelopment

Nov 2008 - Sep 2010 SITE ASSEMBLY DESIGN + CONSTRUCTION / St Paul MN

Design Studio and CNC Fabrication Manager

- 3D modeling, SD, DD, CD, CA, permitting and management for residential and commercial projects
- Managed CNC programming and machining for fabrication projects

Apr 2008 - Oct 2009 2009 SOLAR DECATHLON / Minneapolis MN + Washington DC

- Architectural design team for University of Minnesota's 5th place 'ICON Solar House'

Dec 2007 - Nov 2008 PDI DESIGN GROUP / Minneapolis MN

Design Studio Employee

- BIM team for BEXCO Convention Center (Busan, South Korea) and American International School (Rio de Janeiro)

Apr 2006 - Dec 2007 IOTA ARCHITECTURE / Minneapolis MN

Design Studio Employee

- 3D modeling, SD, DD, CD, CA and permitting for local residential projects
- Organized and managed office materials library