

# HENRY RICHARDSON

415.300.7475  
henrydavidrichardson@gmail.com

## EXPERIENCE

Atelier Ten San Francisco, CA

**Senior Environmental Designer** Spring 2017 - Present  
**Environmental Designer** Spring 2015 - Spring 2017  
**Technical Staff** Winter 2013 - Spring 2015

- Managed teams executing large scale projects.
- Coordinated sustainability efforts with design teams, including architects and engineers, from concept design through construction documentation.
- Analyzed large datasets to draw conclusions about building energy, daylight, carbon, and water performance.
- Lead technical development for the daylighting and water practices including developing spreadsheet, python, and grasshopper based tools and processes.
- Conducted daylight, glare, stormwater, water use, thermal comfort, r-value, LCA, and life cycle cost analyses and interpreted results for projects.
- Assembled reports and presented results and action items to clients.
- Represented the Atelier Ten at conferences and technical meetings.

ONG&ONG Pte Ltd. Singapore

**Assistant Designer** Summer 2011 - Summer 2012

- Prepared drawings and renderings for presentation to clients.
- Researched relevant zoning, codes, and design constraints for projects.
- Reviewed and checked projects for adherence to codes, guidelines, and standards.
- Coordinated with consultants in design and the preparation of submission documents.
- Drafted as-built drawings for design and submission purposes.

EDA Berkeley, CA

**Intern Archivist** Summer 2009 - Spring 2011

- Created archival finding aids for historic architectural documents.
- Organized architectural records into a logical and researchable structure.
- Prepared drawings and documents for conservation and storage.

## EDUCATION

University of California Berkeley, CA

**Bachelor of Arts in Architecture** Fall 2007 - Spring 2011  
Minor in Sustainable Design  
- 3.86 GPA with Highest Honors

North Bennet Street School Boston, MA

**Furniture Making Intensive** Fall 2012 - Winter 2012  
- Fundamentals of Hand and Machine Woodworking

## PUBLICATIONS

**Circadian Daylight in Practice: Determining a Simulation Method for the Design Process**  
Facade Tectonics World Congress Conference Proceedings Volume 2, 2016

## PRESENTATIONS

**Targeting Energy and Water: Innovations in Laboratory Building Design at UT Dallas and Austin**  
Texas Society of Architects' 78th Annual Convention and Design Expo, 2017

**Simulating the Effect of Solar Radiation on Thermal Comfort**  
DIVA Day 2017

**Circadian Daylight in Practice**  
FACADE TECTONICS Annual Conference & World Congress, 2016

**Circadian Daylighting in Practice**  
DIVA Day 2016

**DIV-A10: Evolving, Communicating and Validating Daylight Results for Over 2 Decades**  
DIVA Day 2014

## SKILLS

- LEED Accredited Professional, BD+C

Software: Design & Construction:  
- Rhino, Grasshopper - Parametric design  
- DIVA - Fabrication drawings  
- Honeybee/Ladybug - Woodworking  
- Python - Welding (Stick, MIG)  
- Adobe Suite - Construction  
- Microsoft Office Suite  
- HDR Photography