

DYLAN BROWN

EDUCATION

- UNIVERSITY OF MASSACHUSETTS AMHERST**, Amherst, MA
- 2017 Master of Architecture
- 2015 Bachelor of Fine Arts in Architecture, Minor in Environmental Design & Building Construction Technology
- 2014 **TAU SIGMA DELTA**, National Honor Society in Architecture
- 2012, 2013, 2014 **AMERICAN INSTITUTE OF ARCHITECTURE STUDENTS**, UMass Amherst
Attended annual conferences, competed in design competitions and served as a mentor to younger architecture students.
- Spring 2014 **LORENZO DE' MEDICI, THE ITALIAN INTERNATIONAL INSTITUTE**, Florence, Italy
Study abroad with a focus on architecture.

EXPERIENCE

- 2016-2017 **RESEARCH ASSISTANT FOR AJLA AKSAMIJA**, UMass Amherst
Completed research tasks relating to environmental building design, including running simulations and modeling studies. Collected research data for innovative, high-performance buildings technologies and software. Wrote research reports and articles that summarize research procedures and results. Prepared presentations for conferences and speaking arrangements.
- 2015 - 2016 **TEACHING ASSISTANT - ANALYSIS & REPRESENTATION**, UMass Amherst
Co-taught sophomore architecture students digital representation skills in the Adobe Suite, AutoCAD, Rhino and Revit. Created video tutorials to go along with class curriculum.
- 2015 & 2016 **ARCHITECTURAL DESIGNER - BENJAMIN NUTTER ARCHITECTS**, Topsfield, MA
Developed design ideas from 2D into 3D with SketchUp and renderings. Navigated and edited 3D models during client meetings. Documented existing conditions into 2D and 3D models. Produced architectural photography for more than a dozen completed projects.
- 2014 - 2015 **RESEARCH ASSISTANT FOR CARYN BRAUSE**, UMass Amherst
Developed a framework for translating field report information into an interactive digital format via web based tools and Google Earth.
- 2012 - 2016 **WEB MASTER & IT SUPPORT, BOTHHAND USA**, Topsfield, MA
Redesigned its website to improve organization and increase search traffic.
Developed a database for product inventory, cross-referencing, and open orders.
- 2010 - Present **WEB DESIGN ENTREPRENEUR, DYLAN BROWN DESIGNS**
I've designed and currently maintain 12 websites between 9 different clients.
I use my [website](#) as a platform for sharing my architectural knowledge with others.
- 2010 - 2011 **VOLUNTEER, IPSWICH MUSEUM**, Ipswich, MA
Digitalized its extensive collection of historical photos and then mapped their locations on Google Earth.
- Summer 2010 **INTERN, CUMMINGS ARCHITECTS**, Ipswich, MA
Documented existing building conditions, organized programs for continuing education, and established their brand on social media sites.

ACCREDITATION

- March, 2017 **LEED GREEN ASSOCIATE**

EXHIBITIONS

- Fall 2016 **TIMBER IN NEW YORK**, New York, NY
Work for the Timber in the City competition was exhibited in the UMass New York Professional Outreach Program space in New York City.

PUBLICATIONS

- June, 2017 **INTEGRATION OF PARAMETRIC DESIGN IN ARCHITECTURE AND BUILDING PERFORMANCE SIMULATIONS: APPLICATIONS FOR FACADE DESIGN**, International Conference of Biodigital Architecture & Genetics
A framework for integrating parametric design with building performance simulations was evaluated on a commercial case study building using Rhino 3D, Grasshopper, Ladybug and Honeybee.

2017 **INTEGRATION OF PARAMETRIC DESIGN AND BUILDING PERFORMANCE SIMULATIONS**, ARCC Journal of Architectural Research

A framework for integrating parametric design with building performance simulations was evaluated on a commercial case study building using Insight 360 and Sefaira (Revit), and Ladybug and Honeybee (Rhino 3D).

AWARDS

2017 **AIA SCHOOL MEDAL AND CERTIFICATE OF MERIT**, UMass Amherst
Awarded for being the top-ranking graduating student in the master of architecture program.

SKILLS

SOFTWARE

Adobe: Photoshop, Illustrator, InDesign, Dreamweaver, Premiere Pro

Modeling: Revit, AutoCAD, Rhino 3D, SketchUp, Grasshopper

Analysis: Autodesk Insight 360, Autodesk Flow Design, Sefaira, eQuest, Ecotect, Radiance, Ladybug & Honeybee

Visualizing: V-Ray, Google Earth, Sony Vegas

WEB DESIGN

HTML & CSS

Wordpress Development

OTHER

Microsoft Office: Word, Excel & Powerpoint

Google Suite: Docs, Slides, Sheets, & Email Administration