

# **ROBERT STROUP, NCARB, AIA, CDT, LEED AP, WELL AP**

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## ***Objective***

To employ my skills in architecture with a background in structural engineering.

## ***Portfolio***

Past projects, background and more information can be found at [www.robertcstroup.com](http://www.robertcstroup.com)

## ***Education***

MASTER OF STRUCTURAL ENGINEERING, graduated May 2012, Lehigh University  
BACHELOR OF ARCHITECTURE WITH HONORS, graduation June 2007, with a BUSINESS MINOR  
University of Oregon, Clark Honors College, 2002-2007  
HANFORD HIGH SCHOOL AND COLUMBIA BASIN COLLEGE, 1998-2002, valedictorian

## ***Work Experience and Projects***

PROJECT ARCHITECT, DESIGNGROUP, COLUMBUS, OH – March 2017 to Present

- Designed healthcare and educational facilities throughout the greater Midwest region.
- Championed sustainable and health initiatives and other operational initiatives in office.
- Worked toward and obtained the LEED certification of multiple buildings.

STRUCTURAL ENGINEER, SMBH, COLUMBUS, OH - April 2015 to March 2017

- Designed structural support of multi-family housing projects, nursing care facilities, courthouses, recreational facilities, retail stores, parking garages, trade shops and multiple renovations.
- Gained experience in wood, structural steel, steel joist, masonry and concrete structures.

STRUCTURAL ENGINEER, KCI TECHNOLOGIES, SPARKS, MD - October 2012 to February 2015

- Performed loading analyses for commercial and industrial facilities.
- Modeled industrial structures, reviewed submittals and gained on-site experience.

WEB DESIGNER, LEHIGH UNIVERSITY IMRC, BETHLEHEM, PA - June 2010 to May 2012

- Web design and technical writer.

ASSOCIATE ARCHITECT, CALLISON, SEATTLE, WA - June 2007 to September 2008

- Designed Apple stores in Canada, England, Switzerland and the United States.
- Gained experience in schematic design, design development, construction documents, and construction administration.

## ***Software Knowledge and Expertise***

ARCHITECTURAL SOFTWARE:

- Rhino, Revit, 3D Studio Max, CAD, Bluebeam, Photoshop, Illustrator, InDesign, Sketchup

OPERATIONAL & INTERACTIVE SOFTWARE:

- Dreamweaver, Drupal, CSS, Microsoft Office Suite, Cosential, InFocus

STRUCTURAL ANALYSIS SOFTWARE:

- RAM Structural System, RAM Elements, Tekla Tedds, SAP, Matlab, ADAPT, Enercalc

## ***Activities***

USGBC CENTRAL OHIO, HEAD OF PROGRAMS & EDUCATION - 2017-present

ASHRAE MEMBER, COLUMBUS CHAPTER – 2019-present

CSI COLUMBUS MEMBER – 2016-present

AIA MEMBER, COLUMBUS CHAPTER – 2015-present

***References are provided upon request***