

## Jacob W Wilson

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## Education

Wentworth Institute of Technology

Boston, MA

Master of Architecture, 2016

Bachelor of Science in Architecture, 2015

## Work Experience

**RoTo Architects** | Los Angeles, CA | Designer, Jan 2017 - Present

Lead coordination and production of Construction Documentation set for large scale commercial project  
Modeled and drafted geometrically complex sculptural elevator in Rhino and Grasshopper  
Coordinated and developed structural solutions with structural engineers  
Communicated BIM and drawing information with client and engineers through Newforma  
Observed onsite meetings with contractors and engineers

**Touloukian Touloukian Inc.** | Boston, MA | Designer, Dec 2015 - Dec 2016

Scripted and prototyped building elements using Grasshopper3D and 3D Printing  
Produced and edited architectural drawings, from DD to CD, in AutoCAD and Revit  
Modeled complex 3D projects in Revit and SketchUp  
Created graphics and presentation layouts for client meetings and award application  
Designed and programmed online portfolio combining HTML and CSS scripting with web design platform

**Warner + Cunningham, Inc.** | Chestnut Hill, MA | Architectural Intern, Apr 2015 - Dec 2015

Produced working drawings and details in AutoCad for New England wood-framed residences  
Sketched designs and layouts for projects in conceptual and schematic phases  
Created and edited 3D models in SketchUp  
Prepared documents and graphics for client meetings and consultants  
Lead integration of Revit into office by teaching basic modeling skills

**Wentworth Institute of Technology** | Boston, MA | Fabrication Lab Technician, Sep 2014 - Aug 2015

Maintained lab equipment, including full wood shop, CNC mill, laser cutters, and 3D printers  
Assisted students with file preparation and machine operation  
Engaged and lead applied research projects exploring applications and limits of 3D printing and CNC technologies

**Brennan Interior Contractors** | Plymouth, MA | Junior Estimator, May 2014 - Aug 2014

Performed material takeoffs for projects of various scales, from private residences to commercial towers  
Communicated with architects and GC, handling RFIs and bid intake  
Maintained office project pipeline and performed various office management duties

## Supplemental Design Work

### Award & Competition

#### The 2016 Arch 50

Part of award application team that placed 32 in Architect Magazine's top 50 firms in the nation  
Touloukian Touloukian Inc.  
September 2016

#### "SongGen", iOS Application

1st Place  
HackUMASS  
October 2015

#### "Plus/Minus"

2nd Place, People's Choice  
Wentworth Architecture  
February 2014

### Publication & Exhibition

#### "Making as Discovery"

Wentworth Architecture review  
Volume 6, 2016

#### "Plus/Minus"

Wentworth Architecture review  
Volume 5, 2015

#### "Ambiguity is our Best Friend"

Wentworth Architecture review  
Volume 4, 2014

#### "Soft Fabrication"

Boston Society of Architects  
Public Exhibition. (2014-2015)

## Skills

### Architectural

Rhino	Photoshop	Laser Cutting	Python
Grasshopper	Illustrator	3D Print (Plastic)	HTML / CSS
AutoCAD	InDesign	3D Print (Plaster)	Rhinoscript
Revit	Maxwell	CNC Mill	-
Sketchup	Vray	Model Making	Spanish
3DS Max			French

### Language