

## Education

**Illinois Institute of Technology**  
**B.S., Civil Engineering**, GPA 4.00

May 2021  
expected

# Denilson Saavedra

## Experience

### Jacobs

August 2018 - December 2018

#### Civil Engineering Co-op

- Compiled and calculated highway, drainage, and structural engineering quantities in order to estimate project costs
- Created and revised hundreds of highway, drainage, and structural engineering drawings
- Organized sign panels for existing and proposed conditions for a 1-mile corridor and created proposed street signage using GuideSIGN
- Attended a public meeting to collect community feedback for 2 design concepts

### Urban Equities, Inc.

May 2018 - December 2018

#### Project Associate

August 2018 - December 2018

- Responsible for scheduling marketing deliverables, writing blog entries, and overseeing the website infrastructure

### Summer Intern

May 2018 - August 2018

- Analyzed Chicago neighborhoods to quantify the need for affordable housing
- Created an assembly of smart appliances that improved affordability for homes by \$15,000 over 14 years
- Conceptualized a smart, low-cost home that incorporates solar passive design principles

### Chicago Architecture Foundation

December 2017 - August 2018

#### Education Facilitator

- Educated elementary school students about the significance of architecture design
- Guided various education programs including Read + Builds, LEGO Builds, and Open Studio hours

### Project: VISION

September 2017 - May 2018

#### Tutor

- Supported middle school students through tutoring in math, science, social studies, and writing

### Burns & McDonnell

June 2017 - August 2017

#### Engineering Intern

- Drafted electrical schematics and structural engineering drawings using AutoCAD and MicroStation
- Collaborated with mechanical engineers to track over 100 submittals using Microsoft Excel
- Analyzed pipe spool fabrication drawings to verify accurateness of the dimensions, flange types, and fitting types

## Contact Information

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708-595-2611

## Skills

### Languages

English

Spanish

### Software

AutoCAD	Illustrator	Photoshop
Bluebeam	InDesign	PowerPoint
Excel	Inventor	ProjectWise
Fusion 360	Lightroom	Revit
GuideSIGN	MicroStation	Word

## Honors

Obama Foundation Community Leadership Corps Scholar

2018 America Needs You Fellow

Obama Foundation Training Day Scholar

2017 CAF Newhouse Competition Overall Grand

2016 DiscoverDesign National Competition First Place

AP Scholar with Distinction

Illinois State Scholar

2016 MIT WISE Scholar

2016 ACE Summer Design Build Scholarship

2016 CAF Newhouse Competition Second Grand

ACE Educational Scholarship