

# Denilson Saavedra

## Education

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

May 2021  
expected

## Experience

**Urban Equities, Inc.**  
**Project Associate**

May 2018 - Present  
August 2018 - Present

- Mapped marketing strategy and deliverables 60 days in advance of their due date
- Supported company growth strategy through architecture conceptualization, graphic design, and research

**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**  
**Education Facilitator**

December 2017 - August 2018

- Educated elementary school students about the significance of architecture design
- Oversaw and guided Read + Builds, LEGO Builds, Open Studio hours, and seasonal events

**Project: VISION**  
**Tutor**

September 2017 - May 2018

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

**Burns & McDonnell**  
**Engineering Intern**

June 2017 - August 2017

- 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

**DiscoverDesign National Competition**  
**First Place Entry**

December 2016

- Designed an affordable housing prototype by utilizing modular and pre-fabricated elements

## Contact Information

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708-595-2611

## Skills

### Languages

English  
Spanish

### Software

|             |              |
|-------------|--------------|
| AutoCAD     | MicroStation |
| Excel       | PowerPoint   |
| Illustrator | Revit        |
| InDesign    | Word         |
| Inventor    |              |

## Honors

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  
Questbridge Scholar