

# CONSTRUCTION ENGINEER

# ANWAR GARCIA

"MATH TEACHES  
YOUR MIND AND  
INCREASES YOUR  
ABILITY TO  
PROBLEM SOLVE."



Pronunciation: (ahn-war gah-r-see-ah)

Life: 1985 - present

Location: Arkansas

Known for: Project  
Executive at McCown  
Gordon Construction

## MATH HERO

Anwar uses math to:

- Determine the dimensions of the floor plan and the proper placement of items like doors and windows.
- Calculate with formulas how long a project will take to complete against how many working days are available.
- Budget the amount of money that will be spent on building materials and paying workers.
- Handle large budgets ranging from several thousands to several hundreds of millions of dollars.

## TURNING DRAWINGS INTO BUILDINGS...

- Anwar Garcia is a construction engineer. He takes a set of directions, called a blueprint, which are provided by an architect, and plans a building's construction.
- Once given the blueprint, Anwar figures out the cost of each piece and how the pieces need to be put together. After that he calculates how long it will take to build. His construction team puts the pieces together to make the building.
- Anwar's passion for building things began with putting together Lego® sets as a kid. As an adult, he still enjoys building Lego® sets. He shares this hobby with his son and daughter.

## REFERENCES

- P. Ehrman, personal communication, May 13, 2021
- Garcia, A. (2021). *Anwar Garcia* [Photograph]. Personal Collection