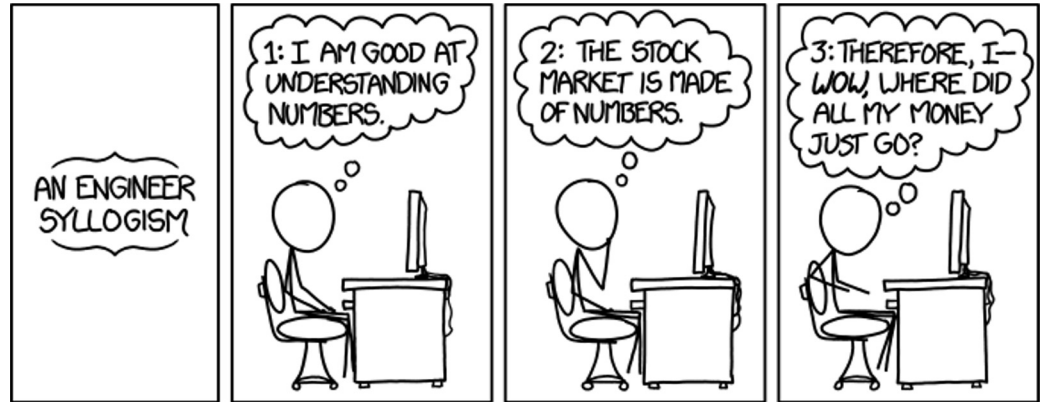
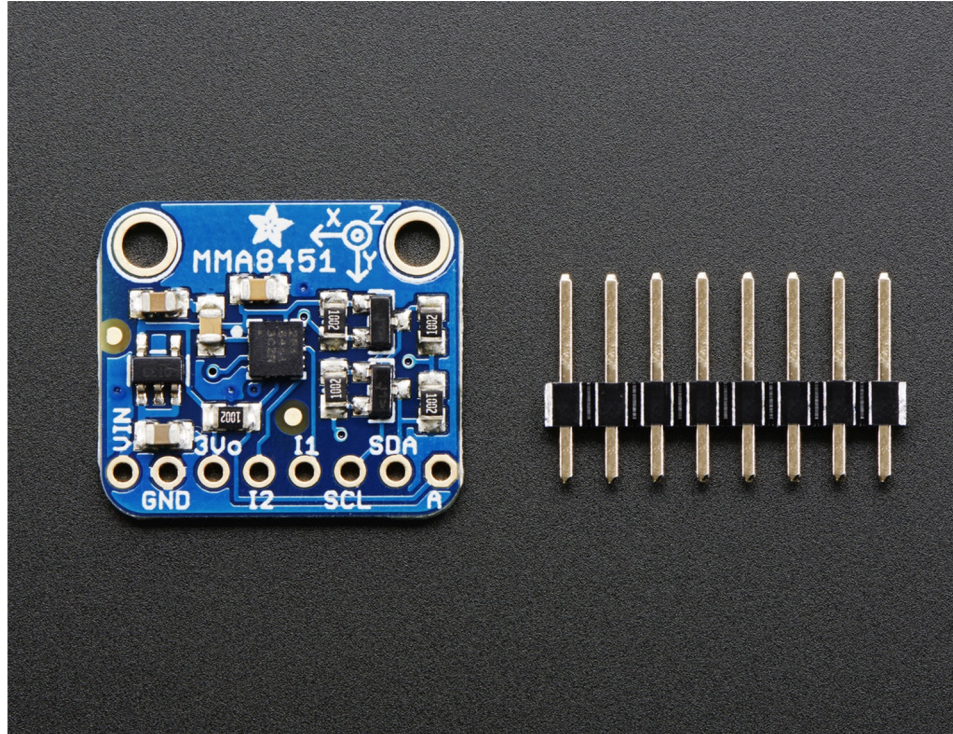


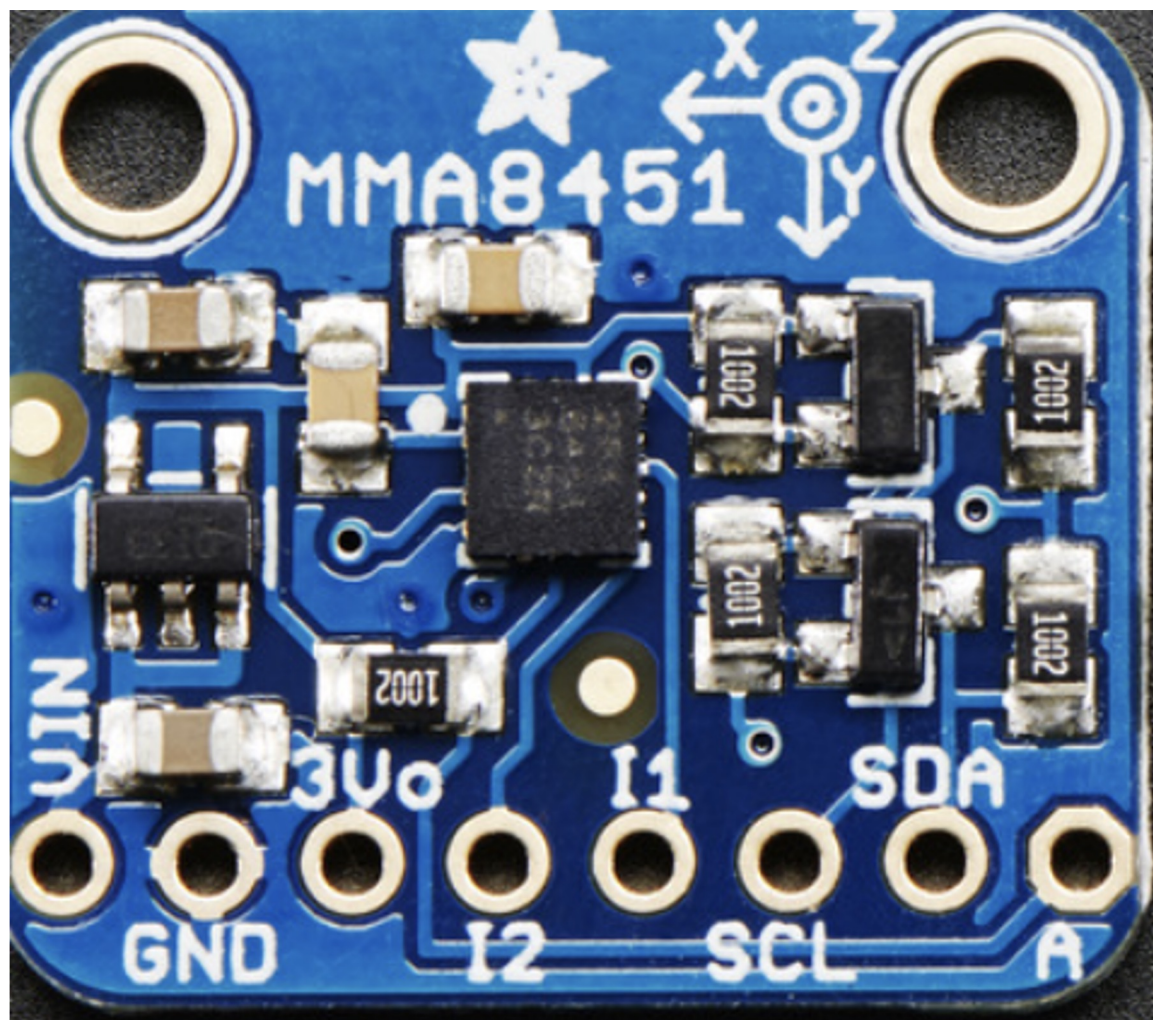
# Methods

- Data Sheet
- Debugging
- For All The Other Things

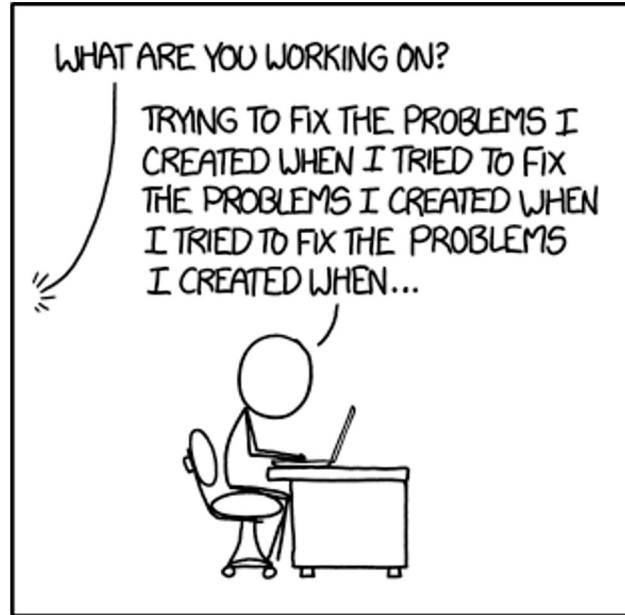


# Data Sheet Walkthrough - Accelerometer





# Debugging



# Debugging: Pre Bug

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1. Start from solid ground, someplace you know is 100% correct

# Debugging: Pre Bug

1. Start from solid ground, someplace you know is 100% correct
2. Figure out what the smallest observable change is that you can make

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3. Make that change



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4. Determine what the new observed state should be - Important!!

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1. Start from solid ground, someplace you know is 100% correct
2. Figure out what the smallest observable change is that you can make
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4. Determine what the new observed state should be - Important!!
5. Observe the change - This is where you get creative

# Debugging: Pre Bug

1. Start from solid ground, someplace you know is 100% correct
2. Figure out what the smallest observable change is that you can make
3. Make that change
4. Determine what the new observed state should be - Important!!
5. Observe the change - This is where you get creative
6. Compare to prior belief and once satisfied repeat from step 2.

# Debugging: Post Bug

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1. Start from solid ground, someplace you know is 100% correct
2. Figure out what the smallest observable change is that you can make
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5. Observe the change - This is where you get creative
6. Compare to prior belief and once satisfied repeat from step 2.

# Debugging: Post Bug

## 1. TAKE A DEEP BREATH

2. Start from solid ground, someplace you know is 100% correct
3. Figure out what the smallest observable change is that you can make
4. Make that change
5. Determine what the new observed state should be - Important!!
6. Observe the change - This is where you get creative
7. Compare to prior belief and once satisfied repeat from step 3.

# For All The Other Things

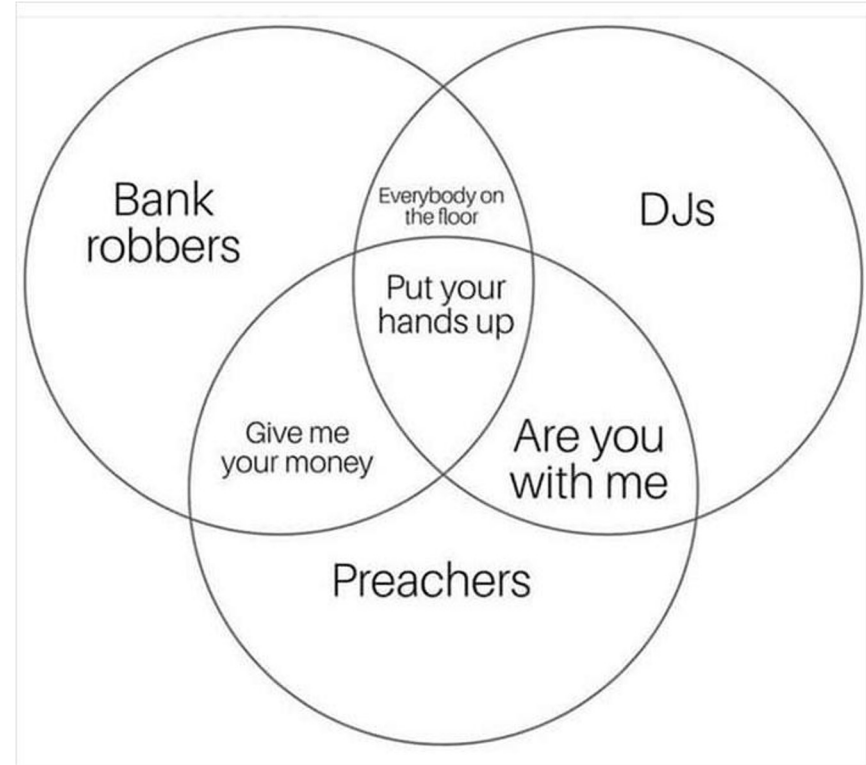
- Communicate:

Draw pretty pictures

Explain it to a hostage audience

Write it down

Whatever floats your boat



# For All The Other Things

- Use Your Resources:

Read the literature

Forums/Blogs

People with experience

Tools + Run Experiments



# For All The Other Things

Stay open to the possibilities.

Sometimes the answer is a novel algorithm, sometimes it's duct tape.