Jessi's
Software Development Process
As of: June 2023

Step 1.
Create an ugly mindmap.

9-Lines?
Los for 100s of people...
Color Codes
Triage
Mass Casualty
Mercy Hospital Ships
"We suck at pulling people out of the water."
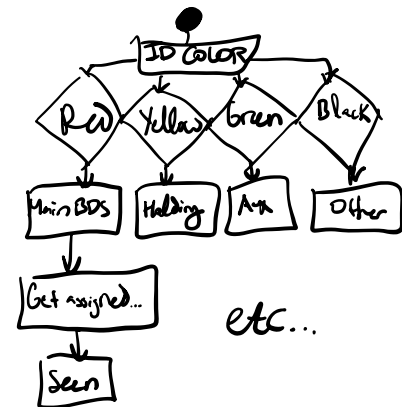↳ QUALITATIVE INSIGHT
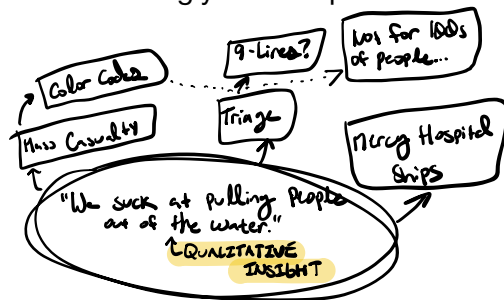
Step 1.5
Google.

"How to do mass casualty triage"
"FEMA mass casualty"
"Mercy ship staffing"

Avoid the rabbit hole. Just what you need to solve the problem.

Also, you don't need a degree to grasp concepts or topics.

Step 2.
Create an ugly activity diagram.

ID COLOR
Red Yellow Green Black
Main BDS Holding Area Other
Get assigned...
etc...
Seen

Step 3.
Ask yourself if you make any sense.

"Do I have a bunch of problems in my mindmap instead of just one?"
"What is my scope?"
"Am I too abstracted or not abstracted enough?"
Realize you have a flaw in your activity diagram and make a new one
"Oh crap, I completely forgot to account for waiting time in my diagram."

Ask other people.
Leave it for awhile.
Walk / gym.

* NOW PAUSE *

"Always be ahead of the machine."
If you feel like you don't understand part of what you're setting out to do, stop and flesh that out further.

Step 4.
Write pseudocode.

Outline your code with comments.
Outline before writing…

Step 4.5
Literature review…

"How to track data in Python"
"What is Pandas Python"
"ER triage simulation article"
ChatGPT: I am writing a simulation in Python using Simpy. Please give examples of how I create an instances and use them in a system.

ChatGPT doesn't judge you for asking to explain like you're five…

Towards Data Science
Geeks For Geeks
Academic Papers*
*sometimes

Step 5.
Write what you know.

If you can code my_variable = 2 start with variables…
Imports are a great start too.

Step 6.
Suffer.

"How do I feed my object to the system?"
ChatGPT: Why does my code give a TypeError and how do I fix this? Explain what I did incorrectly.
"Numpy documentation .random"
"What is a normal distribution that is only positive numbers"

Never copy and paste from ChatGPT.
If you don't know what each line is doing, learn more first.

UNDERSTANDING
QUICK COMPLETION

If you don't understand it, you might be totally doing the wrong thing…