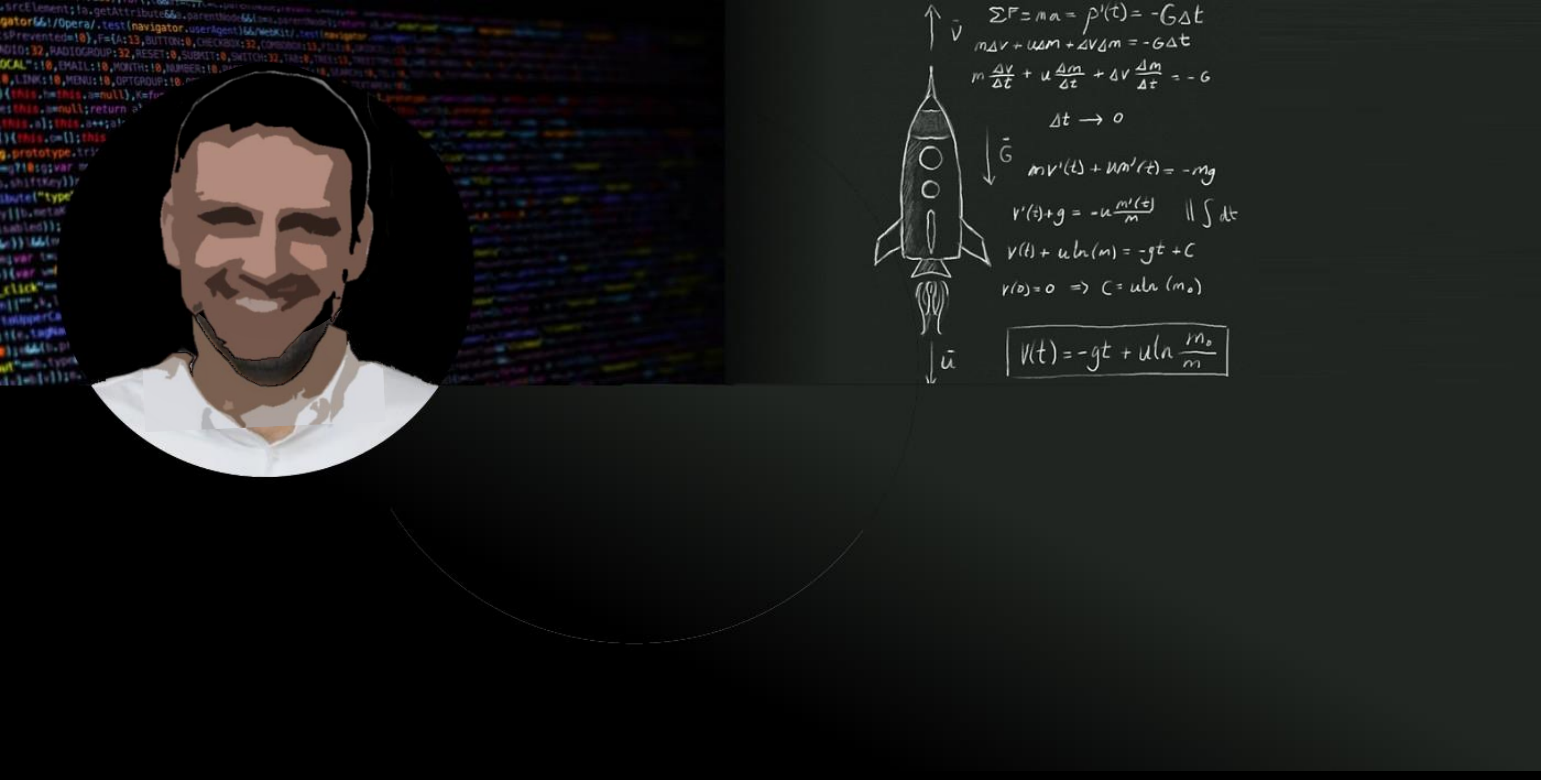


MASTER OR DISASTER

C4dynamics

RECORD POINTS

```
import C4dynamics as c4d

# flag to control the output
debug_mode = True

# define your object
navigator = c4d.datapoint(x=40,y=10)
```

Monitor chosen points

```
...
# print state
if debug_mode:
    print(navigator.print_state())
...
```

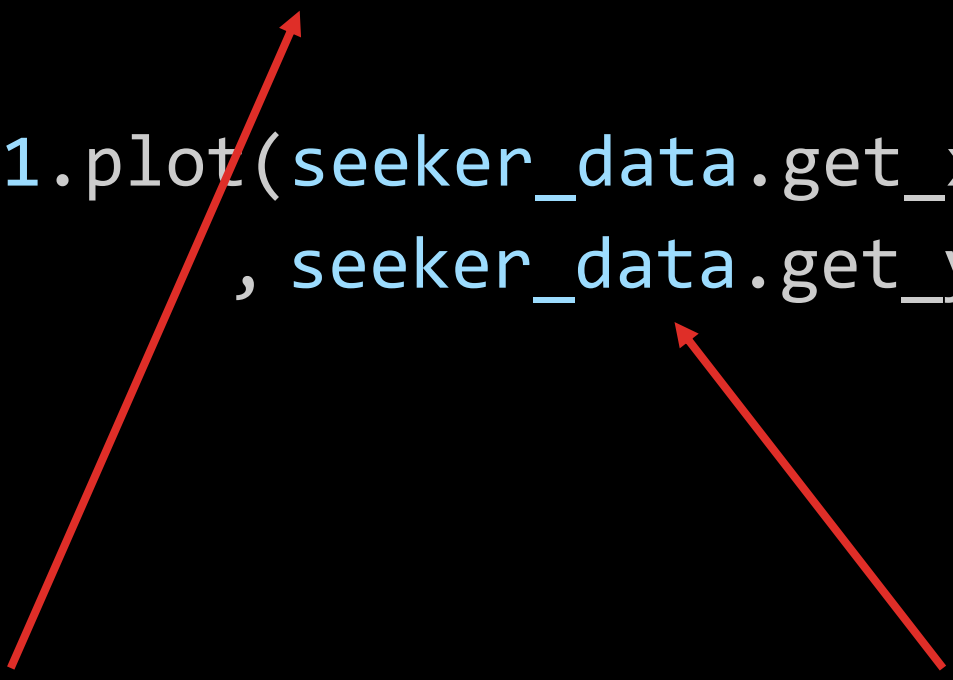
C4dynamics

PLOT DATA

```
# compare trajectories

ax1.plot(navigator.get_x()
         , navigator.get_y())

ax1.plot(seeker_data.get_x()
         , seeker_data.get_y())
```



Measured data vs True data

TIME PERFORMANCES

```
import time

# start the timer
tic = time.time()


# your code runs here


# stop and print the execution
time
print(time.time() - tic)
```

Analyze time consumption

C4dynamics

Always master your system!

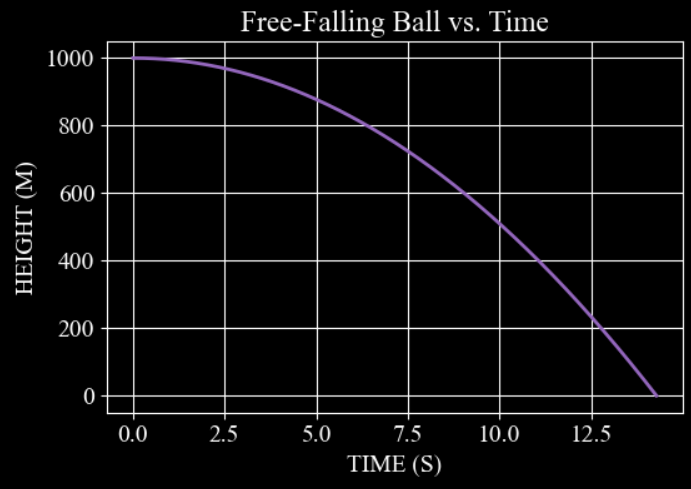
C4dynamics

Want to work with cool algorithm framework?

Download now C4dynamics and run freefall.py

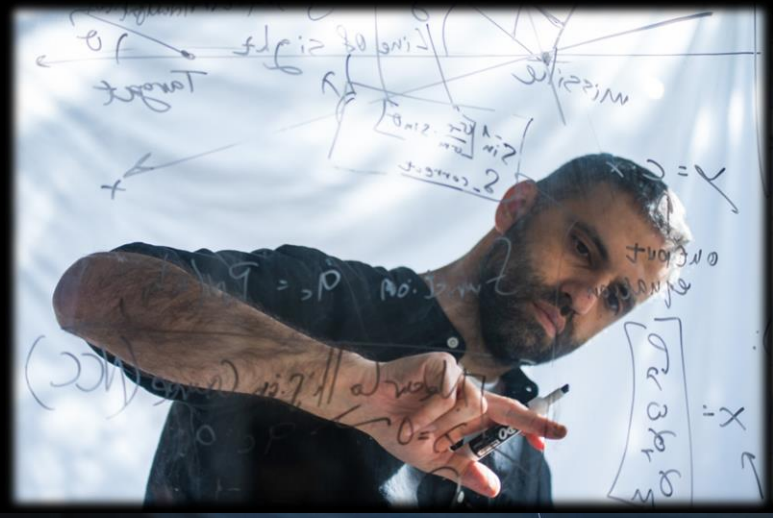
Follow the instructions there:

https://github.com/C4dynamics/C4dynamics/blob/main/examples/freefall.py



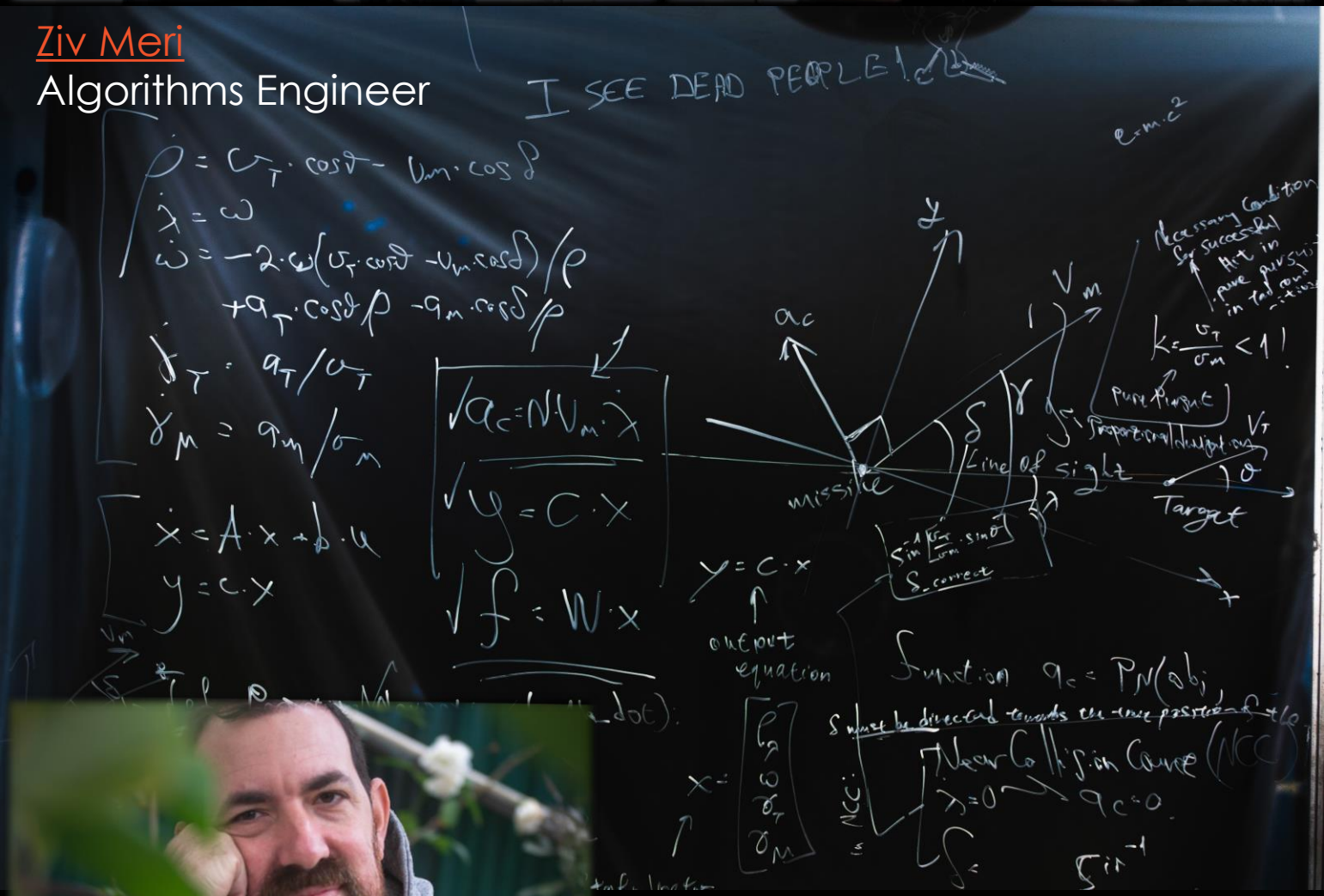
C4dynamics

A cutting-edge, high-standard algorithms development framework



Ziv Meri

Algorithms Engineer



Gavriel Weinberger

Visual Content Creator

C4dynamics