

Journey thru this

Adam Hopkins

```
from datetime import date  
  
date(2023, 7, 4)
```



```
class Adam:  
    work = PacketFabric("VP of Software Engineering", 2020)  
    oss = Sanic("Core Maintainer", 2018)  
    home = Israel("Negev", 2014)  
  
    async def run(self, *inputs: Union[Cookie, Cup]) -> None:  
        while True:  
            await self.work.do(inputs)  
            await self.oss.do(inputs)  
  
    def sleep(self):  
        raise NotImplementedError
```



What exactly is this talk about?

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Sanic or Mayim



Python Web Development with SANIC

An in-depth guide for Python web
developers to improve the speed
and scalability of web applications



Adam Hopkins





Journey

Journey

The destination is often not the point.

*Rather, the path taken is what builds
the memories and fulfills the soul.*


```
import functools as f
import operator as o

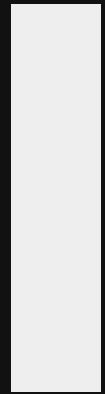
def fac(n):
    return f.reduce(o.mul, range(1, n+1), 1) if n>=0 else None
```

```
def factorial(n: int) -> int:
    factorial = 1

    if n < 0:
        raise ValueError("Factorial is not defined for negative n")
    elif n == 0:
        return factorial

    for i in range(n):
        factorial *= i + 1
    return factorial
```

Code Review





Poetry

```
1 >>> import this
2 The Zen of Python, by Tim Peters
3
4 Beautiful is better than ugly.
5 Explicit is better than implicit.
6 Simple is better than complex.
7 Complex is better than complicated.
8 Flat is better than nested.
9 Sparse is better than dense.
10 Readability counts.
11 Special cases aren't special enough to break the rules.
12 Although practicality beats purity.
13 Errors should never pass silently.
14 Unless explicitly silenced.
15 In the face of ambiguity, refuse the temptation to guess.
16 There should be one-- and preferably only one --obvious way to
17 Although that way may not be obvious at first unless you're Du
18 Now is better than never.
19 Although never is often better than *right* now.
20 If the implementation is hard to explain, it's a bad idea.
21 If the implementation is easy to explain, it may be a good ide
22 Namespaces are one honking great idea -- let's do more of thos
```

16 There should be one-- and preferably only one --obvious way
to do it.

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There's a problem with this...

... I don't know what that one way is. 😬 😞

Panic

Panic

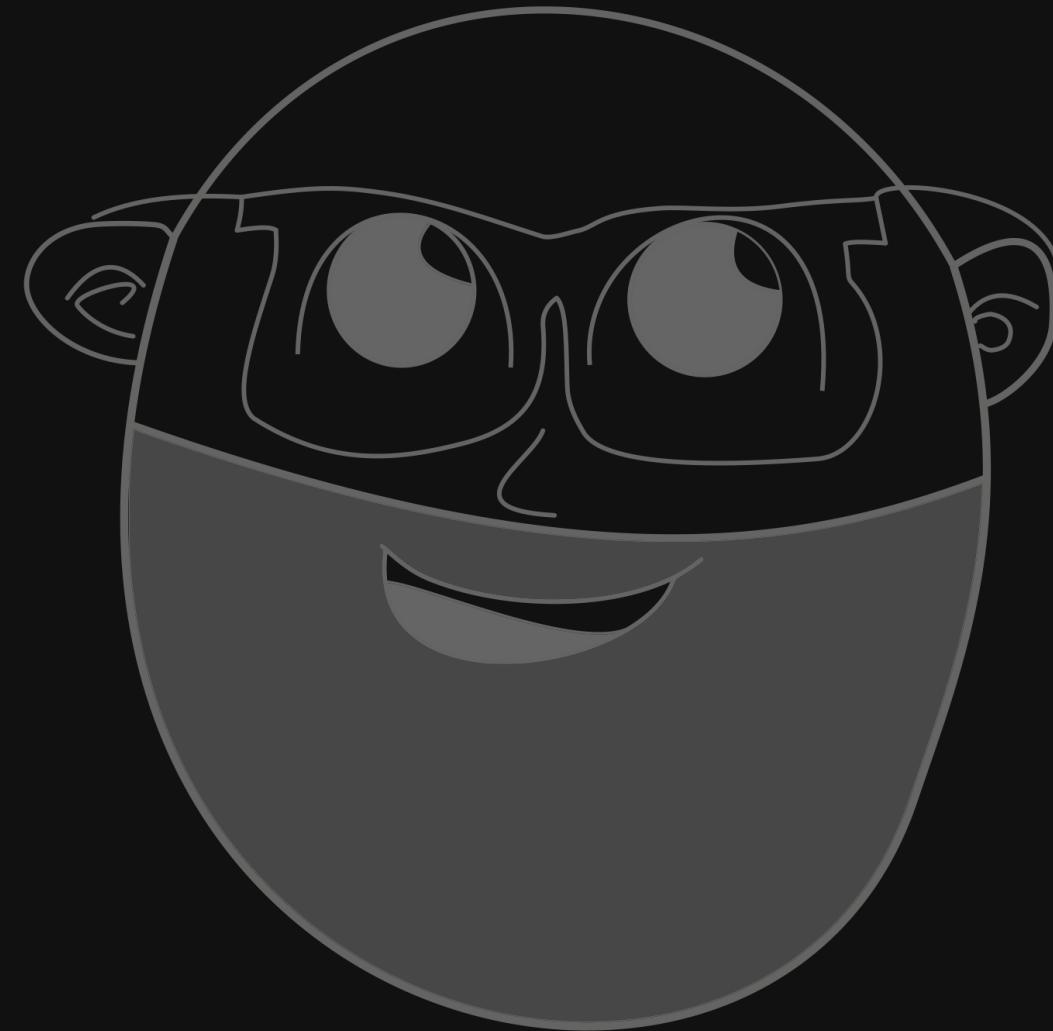
fear

Panic

Fear

Inadequacy

Panic
Fear
Inadequacy



Imposter Syndrome

Meet Arthur



Panic, Fear, Inadequacy



```
>>> import this  
The Zen of Python, by Tim Peters
```

4 Beautiful is better than ugly.

4 Beautiful is better than ugly.



6 Simple is better than complex.



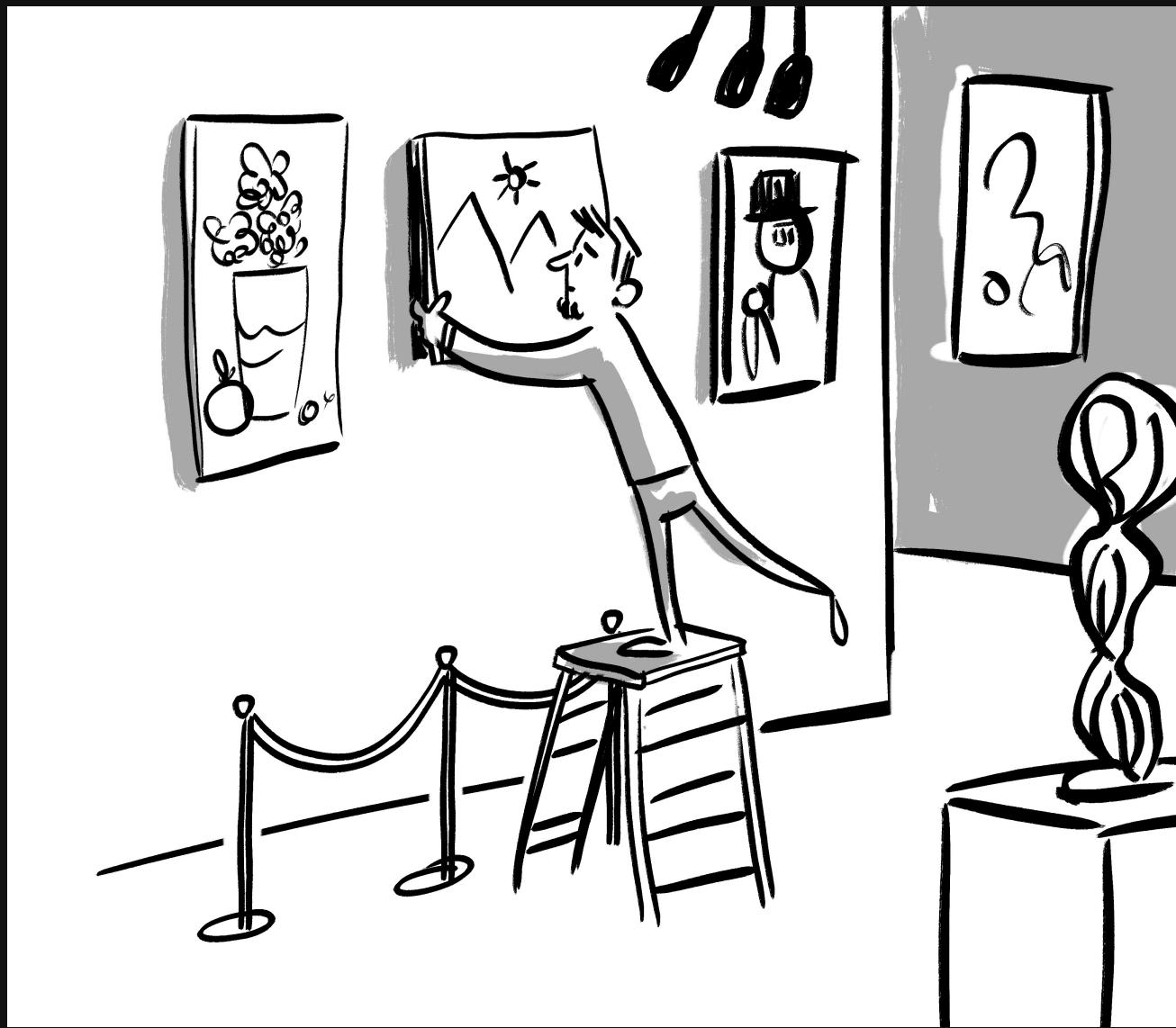
10 Readability counts.



Know what you don't know.

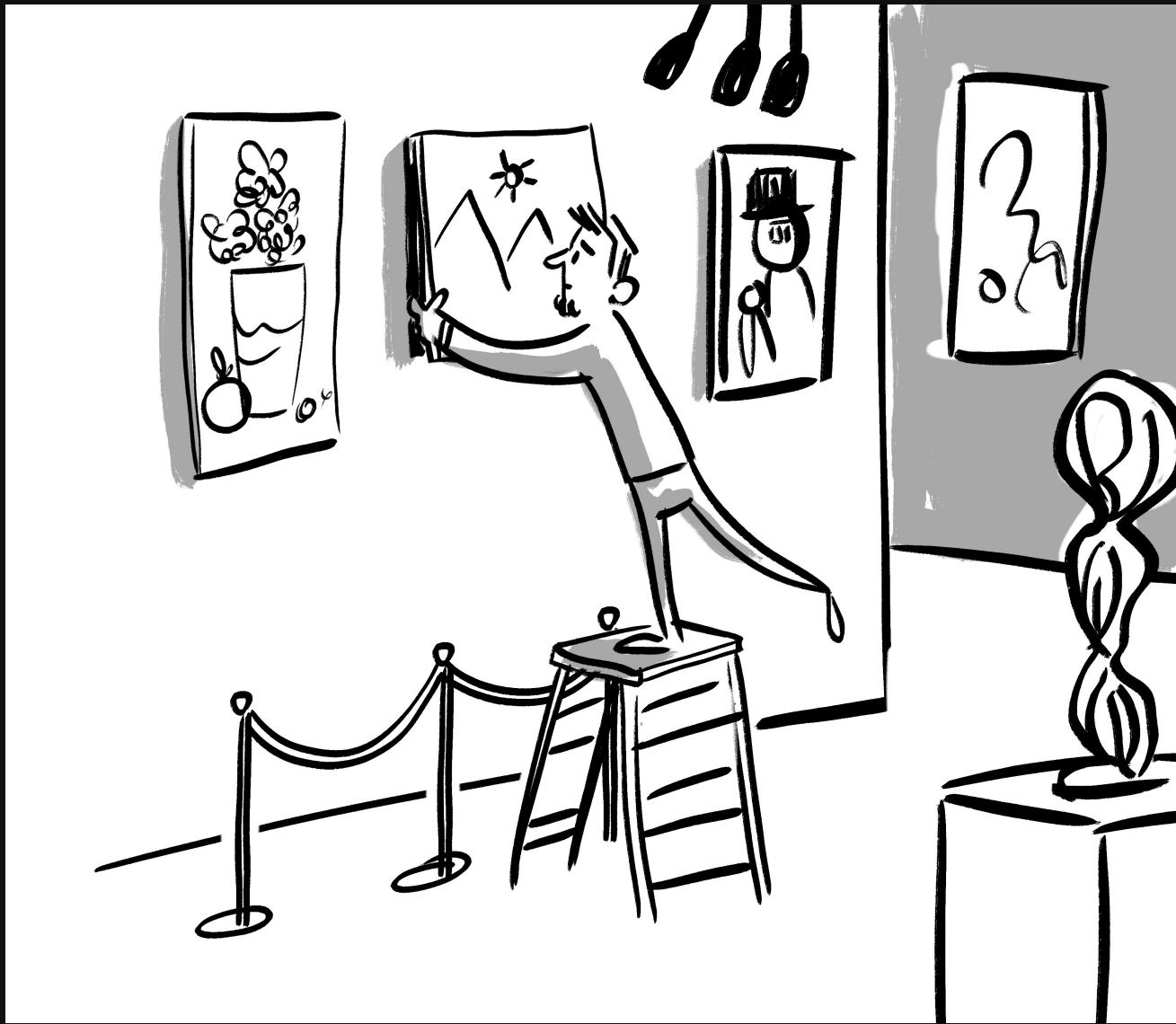


18 Now is better than never.





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19 Although never is often better than *right* now.



How can we **overcome imposter syndrome?**

How can we **overcome** imposter syndrome?

In the balance between humility and confidence, lies the cure.

13 Errors should never pass silently.





```
class JayGatsby:  
    def __init__(self):  
        ...
```

```
class Adam:
    work = PacketFabric("VP of Software Engineering", 2020)
    oss = Sanic("Core Maintainer", 2018)
    home = Israel("Negev", 2014)

    @async def run(self, *inputs: Union[Cookie, Coffee]) -> None:
        while True:
            await self.work.do(inputs)
            await self.oss.do(inputs)

    def sleep(self):
        raise NotImplementedError
```

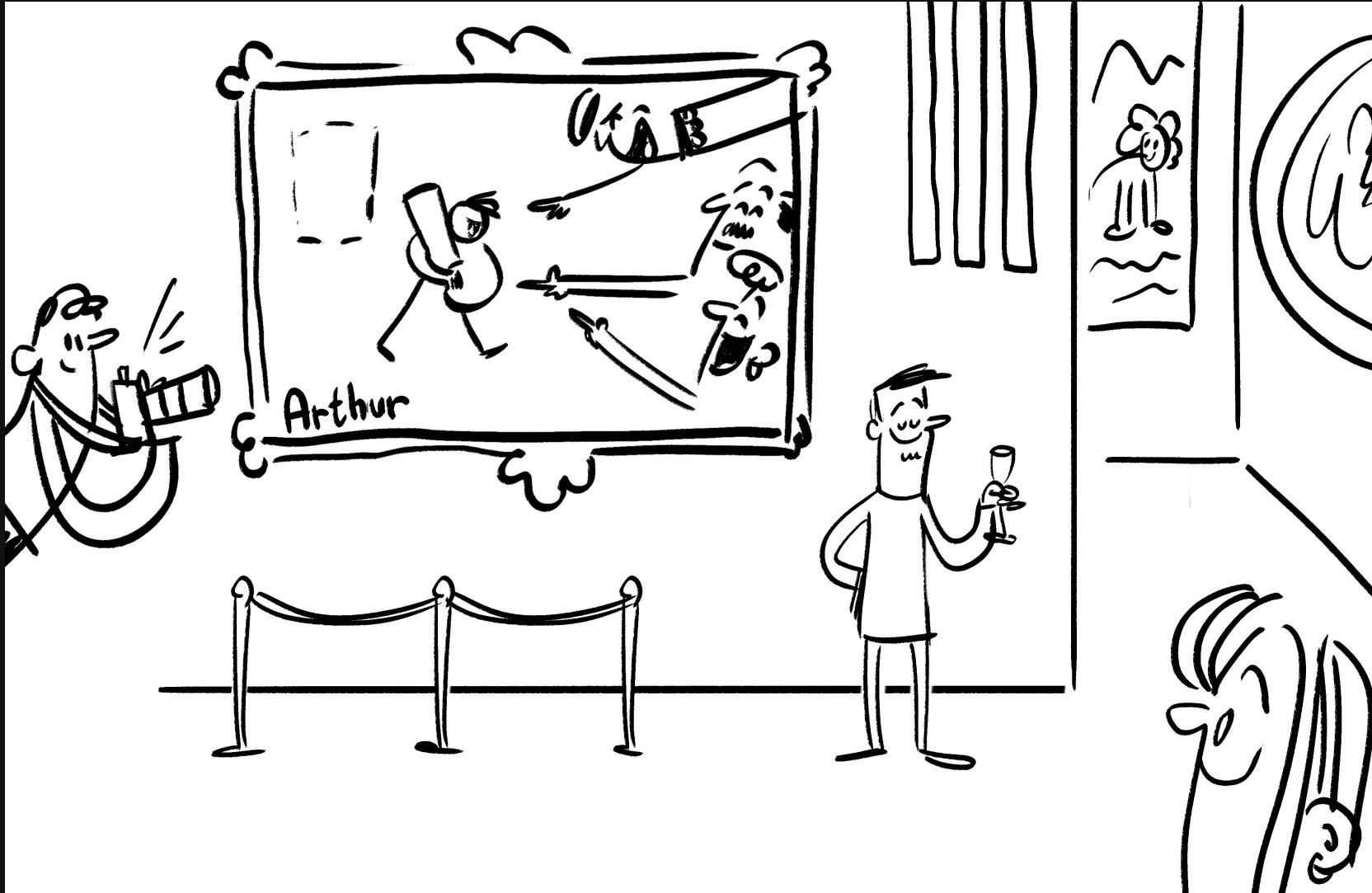
16 There should be one-- and preferably only one --obvious way
to do it.

16 There should be one-- and preferably only one --obvious way
FOR YOU to do it.

16 There should be one-- and preferably only one --obvious way
FOR YOU, *****in this instance*****, to do it.

16 There should be one-- and preferably only one --obvious way
FOR YOU to do it.

16 There should be one-- and preferably only one --obvious way
FOR YOU to do it.



Break the Cycle

The Challenge

Simple is better than complex

Simple is better than complex

Now is better than never

Simple is better than complex

Now is better than never

There should be one—and preferably only one—
obvious way **FOR YOU** to do it.

Simple is better than complex

Now is better than never

There should be one—and preferably only one—
obvious way **FOR YOU** to do it.

#BreakTheCycle

#BreakTheCycle

@AdmHpkns

#BreakTheCycle



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