

Surviving C.S.

**a 2019 talk by Graham Mitchell
comprising 56 slides**

Software Engineer at Vrbo



Software Engineer at HomeAway

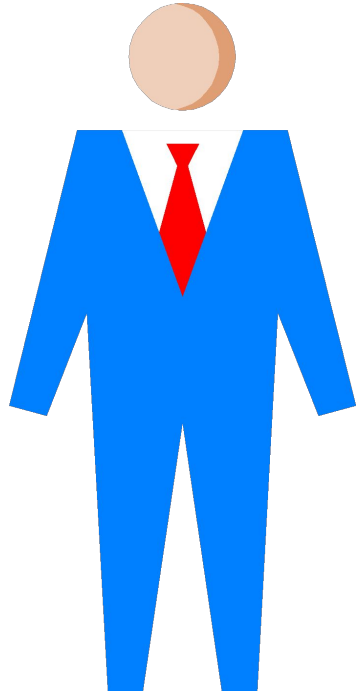


HomeAway®

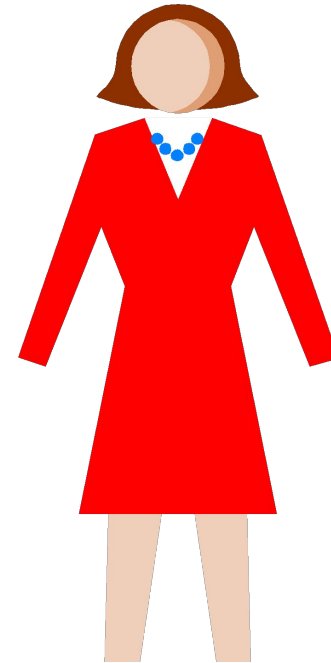
20 Years at Leander High School



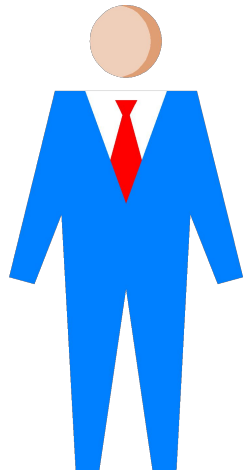
Boys



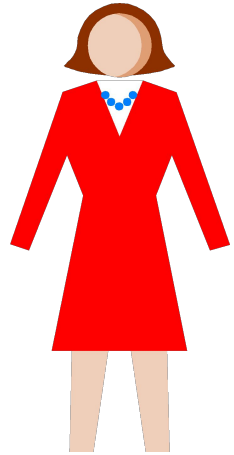
Bob



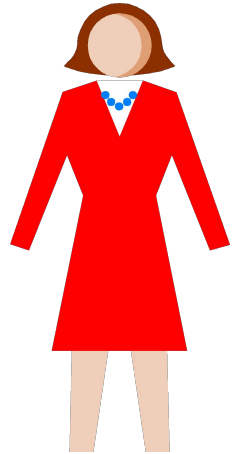
Alice



1. When Bob learns something *about* Alice, but not *from* Alice, then Bob might seem **creepy**.



**2. When Bob wants to
tell Alice something
without *talking* to her,
it probably feels
creepy.**



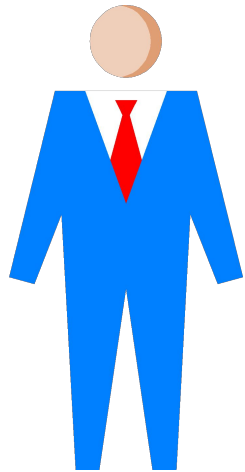
**Relationships grow
by *talking*.**

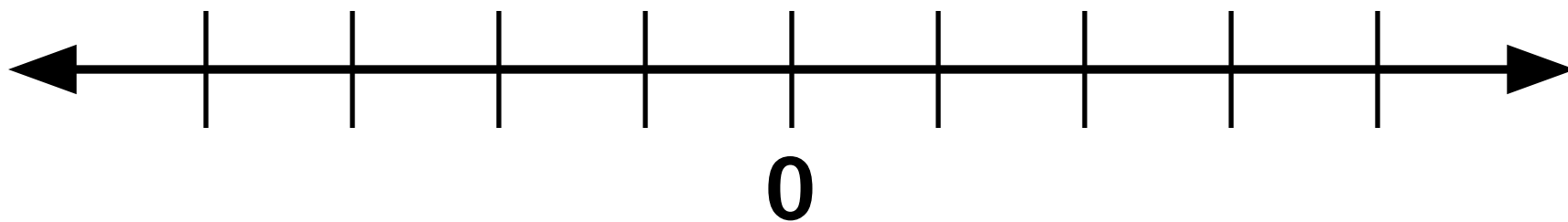
In person, if possible.

3. Even if Bob knows everything *about* Alice, it does not mean that Bob *knows* Alice.

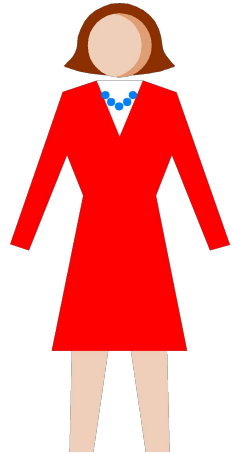
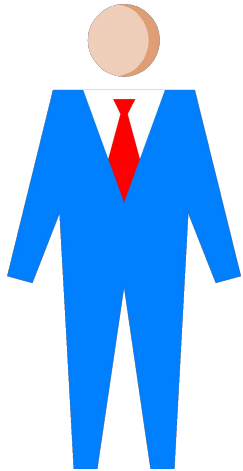
And it usually doesn't make Alice want to know things about Bob.

And it doesn't feel good.

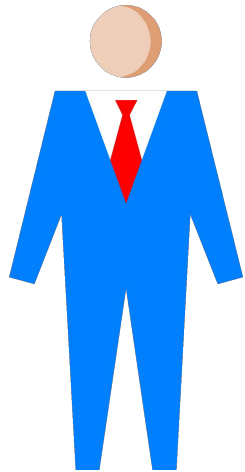




**4. If Alice “likes” Bob,
then she might be
flattered when he says
or does nice things.**



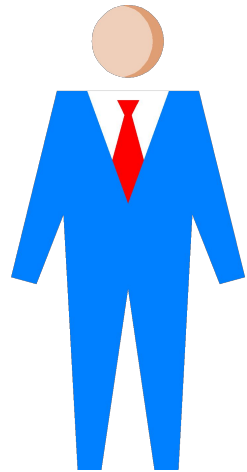
**4. If Alice “likes” Bob,
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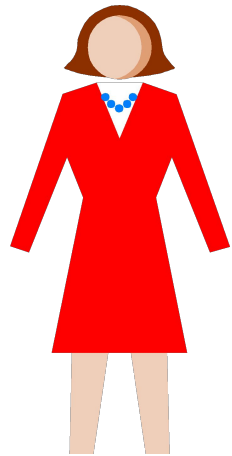
**If not, she will probably
be creeped out even if
he says or does the
same things.**



5. If Alice isn't interested in Bob, then *nothing* Bob can say or do is going to change her mind (probably).

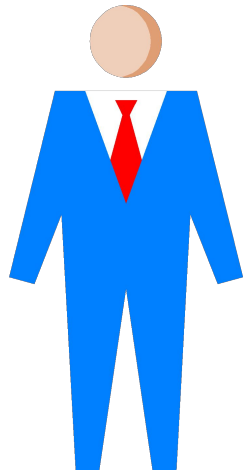


Alice may only change her mind by watching Bob interact with others for a long time.



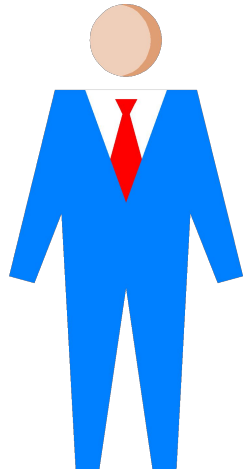
**If she's not interested,
*leave her alone.***

People might think you're creepy if:



- You follow people around
- You call someone (or email or text or IM) and you haven't asked them first
- You wait for people to show up where you know they're going to be
- You touch people and they rarely touch you back
- You are always the initiator or the one doing the 'seeking behavior'
- You're always trying to buy/do nice things for someone you're not dating
- You leave anonymous notes

You can tell they're probably not interested if:



- They don't look at you when you're talking
- They never seek you out in a group
- They never ask questions when you're talking
- They have closed body language

On Relationships

Stages of typical relationships:

0. unknown

1. strangers

2. acquaintances

3. friends

4. dating

5. boyfriend/girlfriend

6. engaged

7. married

**“Creepy” is when you
want something
from another person
and
you pursue or express it
in a strange way.**

On Popularity

Social norms are usually:

- arbitrary
- temporary
- subtle
- non-verbal



(drink me)



**Popularity is a stupid,
shallow game.**



**In 1995,
I discovered that people
sometimes tell me things
they don't mean.**



7% words used

38% tone of voice

55% nonverbal



**Only a fraction of
communication is
based on words.**

Most is non-verbal.

“Bella,” my mom said to me — the last of a thousand times — before I got on the plane. “You don’t have to do this.”

My mom looks like me, except with short hair and laugh lines. I felt a spasm of panic as I stared at her wide, childlike eyes. How could I leave my loving, erratic, harebrained mother to fend for herself? Of course she had Phil now, so the bills would probably get paid, there would be food in the refrigerator, gas in her car, and someone to call when she got lost, but still...

“I *want* to go,” I lied. I'd always been a bad liar, but I'd been saying this lie so frequently lately that it sounded almost convincing now.

from Stephenie Meyer's *Twilight*₂₇

Juliet: No, no. But all this did I know before.

What says he of our marriage? What of that?

Nurse: Lord, how my head aches! What a head have I!

It beats as it would fall in twenty pieces.

My back o' t' other side, - ah, my back, my back!

Beshrew your heart for sending me about

To catch my death with jauncing up and down!

Juliet: In faith, I am sorry that thou art not well.

Sweet, sweet, sweet nurse, tell me, what says my love?

Nurse: Your love says, like an honest gentleman, and a courteous,
and a kind, and a handsome; and, I warrant, a virtuous - Where is
your mother?

Juliet: Where is my mother? Why, she is within.

Where should she be? How oddly thou repliest!

'Your love says, like an honest gentleman,

"Where is your mother?"'

Nurse: O God's Lady dear!

Are you so hot? Marry come up, I trow.

Is this the poultice for my aching bones?

from William Shakespeare's *Romeo and Juliet*
26



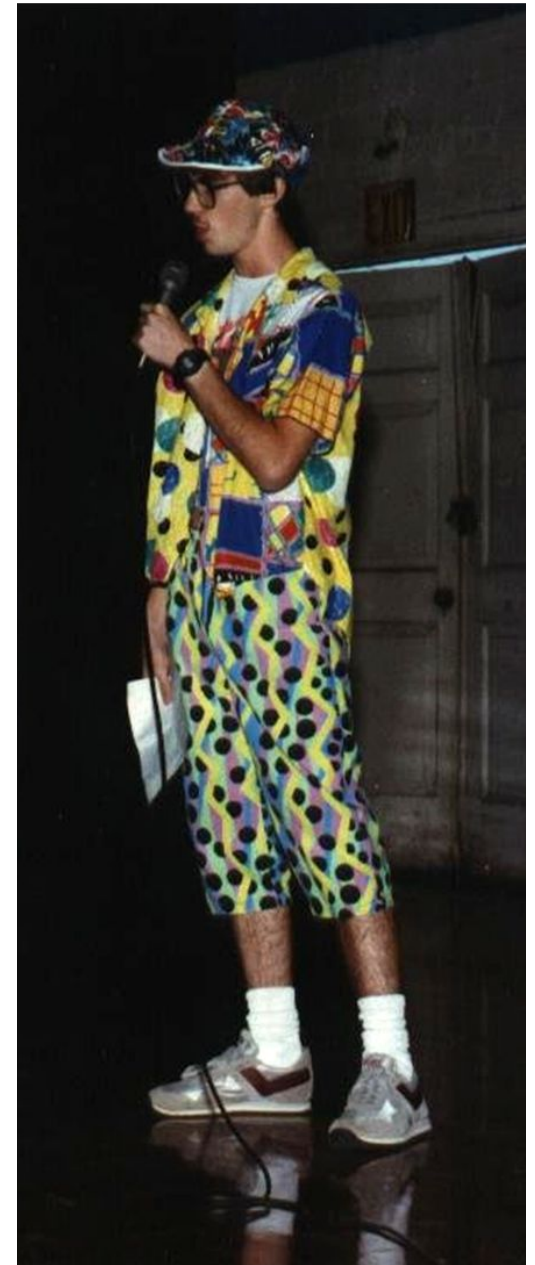
deaf ?

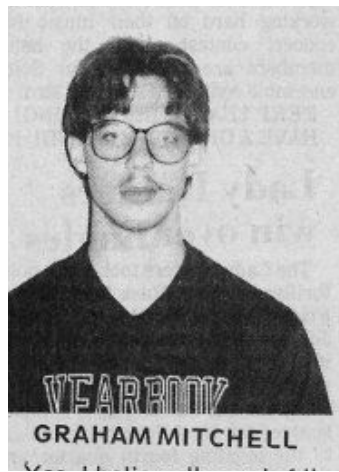




Graham Mitchell

“former” weirdo







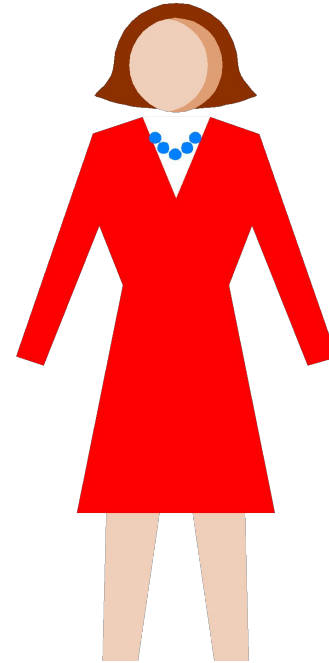
**When you're accustomed
to rejection, kindness
feels like attraction.**

**It's okay to
be direct.**

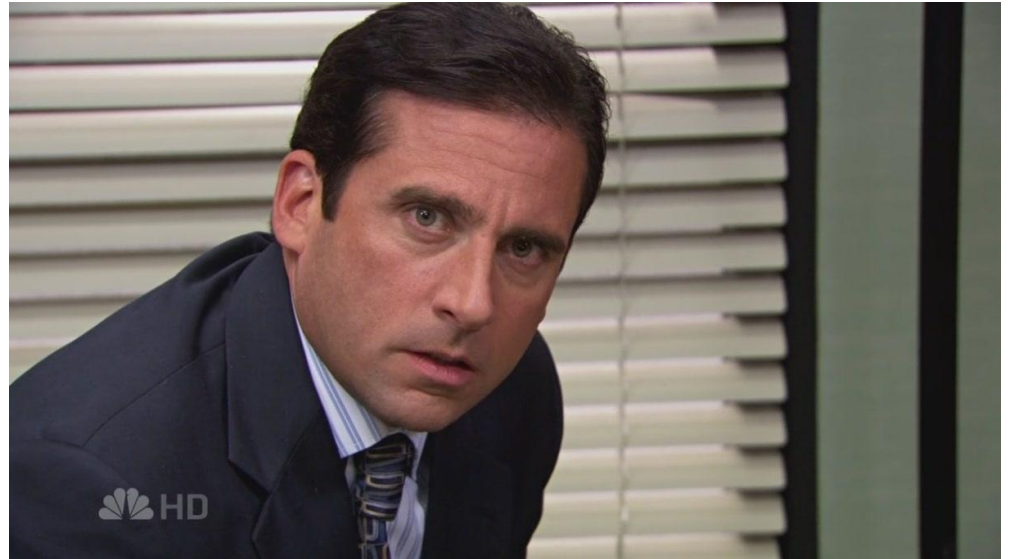


**It's okay to
be direct.**

**Kind, but
direct.**



Most people value feelings over truth.



**2. You don't
have to be
“good at
computers.”**

driver's ed



auto shop



**There are a thousand
things you won't know.
It's okay.**

**Nobody knows
everything.**

I TRY NOT TO MAKE FUN OF PEOPLE FOR ADMITTING THEY DON'T KNOW THINGS.

BECAUSE FOR EACH THING "EVERYONE KNOWS" BY THE TIME THEY'RE ADULTS, EVERY DAY THERE ARE, ON AVERAGE, 10,000 PEOPLE IN THE US HEARING ABOUT IT FOR THE FIRST TIME.

FRACTION WHO HAVE HEARD OF IT AT BIRTH $= 0\%$

FRACTION WHO HAVE HEARD OF IT BY 30 $\approx 100\%$

US BIRTH RATE $\approx 4,000,000/\text{year}$

NUMBER HEARING ABOUT IT FOR THE FIRST TIME $\approx 10,000/\text{day}$

IF I MAKE FUN OF PEOPLE, I TRAIN THEM NOT TO TELL ME WHEN THEY HAVE THOSE MOMENTS. AND I MISS OUT ON THE FUN.

"DIET COKE AND MENTOS THING"? WHAT'S THAT?

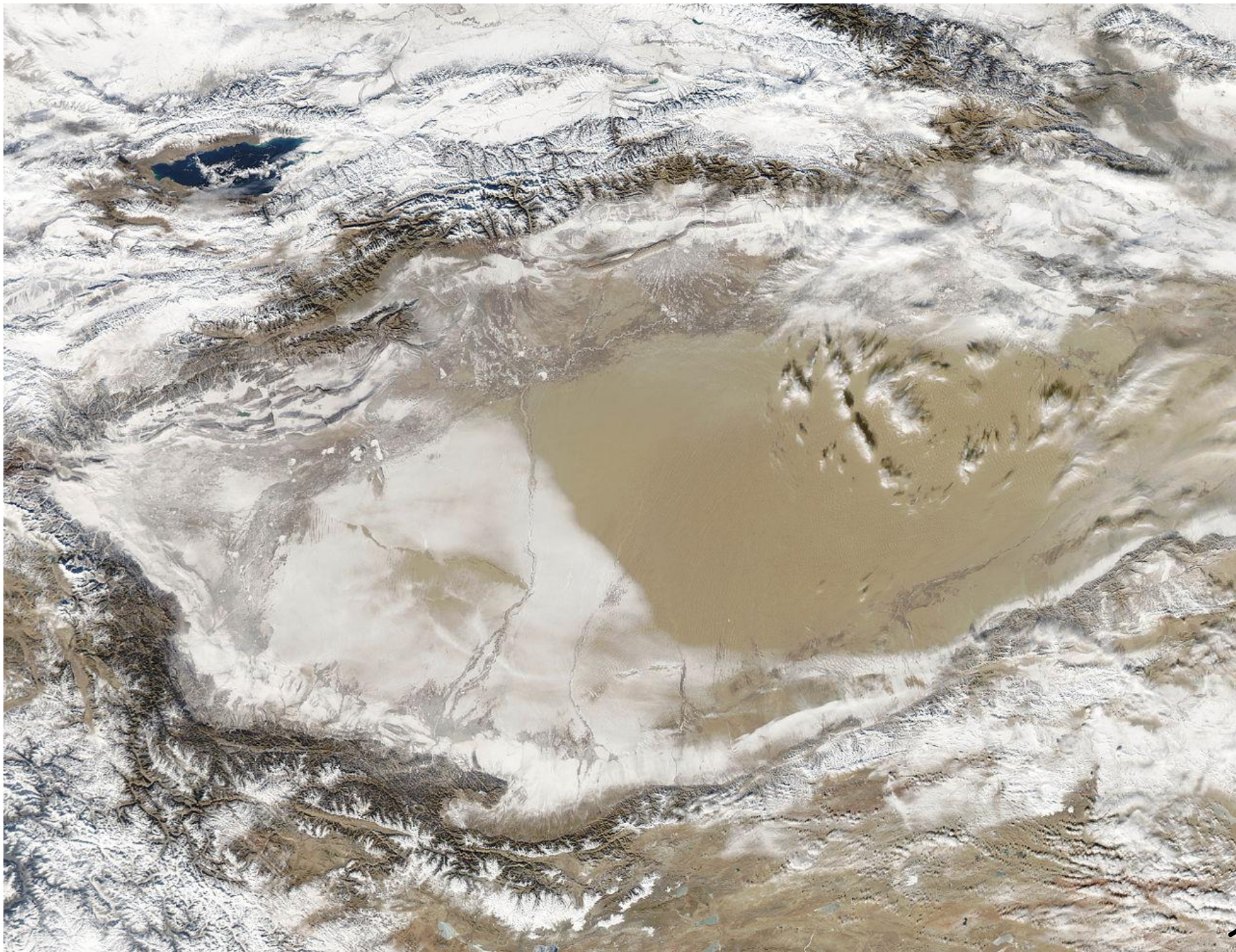
OH MAN! COME ON, WE'RE GOING TO THE GROCERY STORE. WHY?



YOU'RE ONE OF TODAY'S LUCKY 10,000.

**“I guess
I’m one of today’s
lucky 10,000!”**

Nothing is obvious.



Nothing is obvious.

confusion + exposure

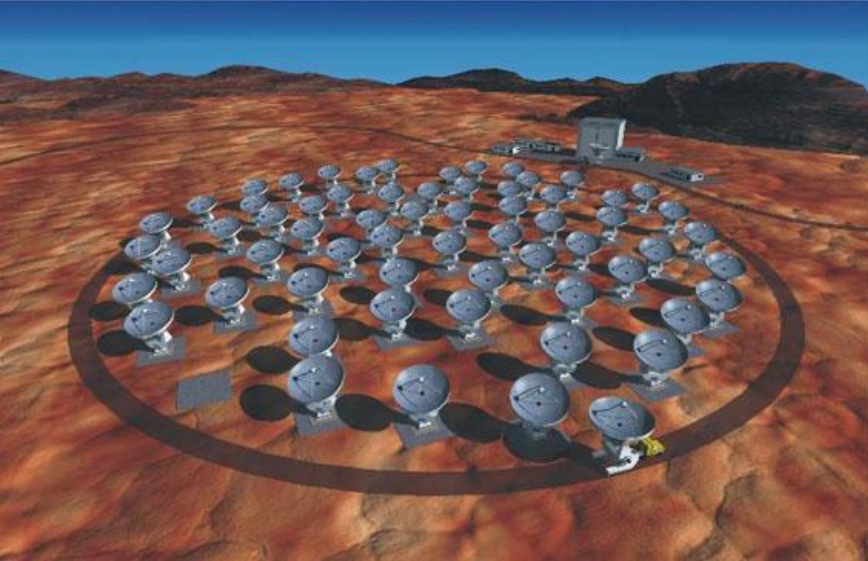


“obvious”

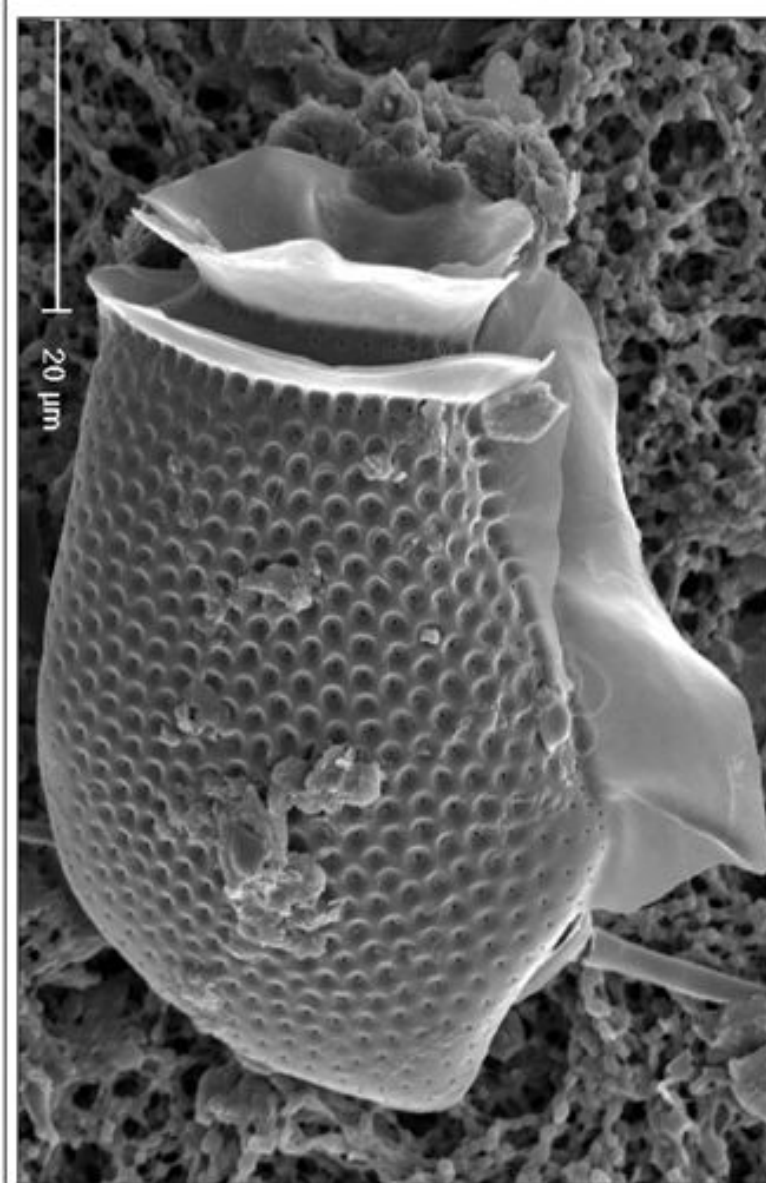
confusion
+
(exposure × aptitude)
⇓
“obvious”

**3. Code is used to
solve problems.**

**And not just
“computer” problems.**



NIH Medical Arts

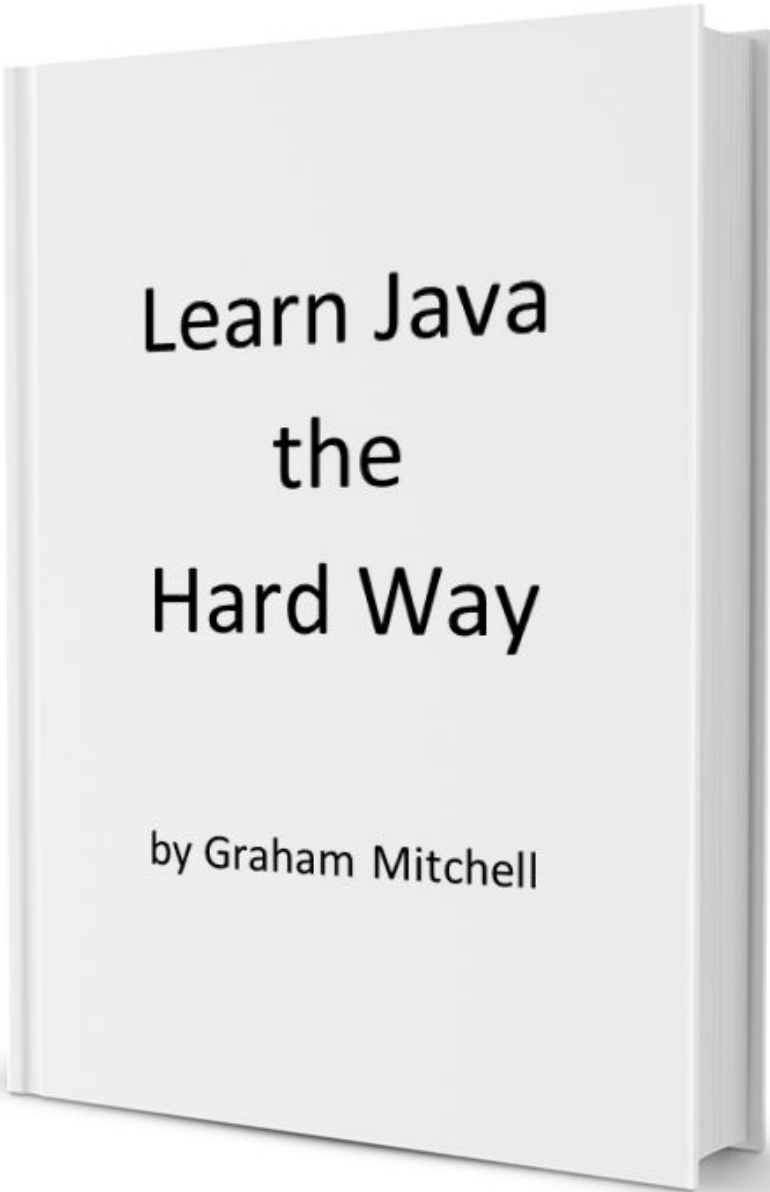


4. It gets better.



Summary

- 1. Be direct but kind.**
- 2. “One of today’s lucky 10,000”**
- 3. Get as much practice as you can.**
- 4. It gets better.**



Learn Java the Hard Way

by Graham Mitchell

Don't Be Creepy

dontbecreepy.com

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firstbytes2019