







Andrej Karpathy ✓ @karpathy

Oct 9

I don't know what labs are doing to these poor LLMs during RL but they are mortally terrified of exceptions, in any infinitesimally likely case. Exceptions are a normal part of life and healthy dev process. Sign my LLM welfare petition for improved rewards in cases of exceptions.

285 1 344 5 90 ♥ 6,892



Andrej Karpathy ✓ @karpathy

Oct 9

POV: Your LLM agent is dividing a by b



Oct 9, 2025 · 12:31 AM UTC

● 112 129 1147 ♥ 2,279



CoinAnole < @CoinAnole

Oct 9

Replying to @karpathy

I've noticed this behavior with all the recent major LLMs. They'll even catch unexpected variable values and inject fake values to make sure the function can never fail. I have to tell them that errors are appropriate and good and shouldn't be avoided. Is Claude patient zero?

● t3 55 ¥1



Tom Dörr ✓ @tom_doerr

Oct 9

Replying to @karpathy

Limit how much Claude can write at each step using a write hook. Makes it write much more concise code



xlr8harder / @xlr8harder

Oct 9

Replying to @karpathy

This is fantastic but to make it even more realistic it should substitute default numbers in case you failed to provide numbers and just silently return a numeric result no matter what garbage you pass in.

₱ 1 t3 55 ♥ 137



2 13 55 ♥ 82



Jeremy Mcnabb ✓ @Jeremy_Al_

23h

Oct 9

Oct 9

Oct 9

Replying to @karpathy

Hmmm

Unclear sir.

Don't like code.

That code doesn't even sound like code.

Unclear

Sounds similar written tone... not tone

I don't know man.

Yeah something is going on there for sure. Unclear

● t3 33 ¥



zdance • @DavidZdancewicz

Replying to @karpathy

division succeeded without known trauma

now ask it to perform surgery (math)



Michael Francis ✓ @MFrancis107

Replying to @karpathy

Maybe it's saracasm for asking it write a divide function?



Jeronim Morina ✓ @plattenschieber

Replying to @karpathy

Shouldn't abs(b) < eps also return inf? I mean math...



Pratik Desai 🗸 @chheplo

Replying to @karpathy

In the race to run the agent for the longest time, this level of exceptions is a side effect



iDare e/acc ✓ @idare Replying to @karpathy

Looks like CISA convinced it that it should never divide by a variable for risk of seeing a zero.

Oct 9





Replying to @karpathy

"Division succeeded without known trauma." 😂

● 13 55 ♥1



Larry Panozzo ✓ @LarryPanozzo

Replying to @karpathy

Iterating AGI > one-shotting AGI

● む *** ♥



Emel R. ✓ @DsOctopus

Replying to @karpathy



bebo ✓ @beboelhosary

Replying to @karpathy

Now retry the prompt and say "Do this in the best and most idiomatic way".

● t3 33 ¥



MadHermitHimbo ✓ @MadHermitHimbo

Replying to @karpathy

Exceptions are the easiest thing to test

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trev - @trevthefoolish

Replying to @karpathy

I mean you truly never do know what could go wrong.. Murphy's law



FleetingBits ✓ @fleetingbits

Replying to @karpathy

the models yearn for lean



him ✓ @literallyhimmmm

Replying to @karpathy

LollI

● 13 55 ♥



John Rose ✓ @jrose2000 Replying to @karpathy Oct 9

Oct 9





Darren Lewis ✓ @darrenlew

Oct 9

Replying to @karpathy

It should probably put it in a loop and re-verify the value of the inputs just in case of mid-function bit flips from cosmic rays.

●1 t3 55 ♥ 100



Deepak Sharma ✓ @deepaks4077

23h

Replying to @karpathy

O.M.G

● 13 55 ♥



Zsolt Ero ✓ @hyperknot

9h

Replying to @karpathy

This happens when the CEO sells the future promises by agents writing 90% of new code. Soon it'll be 95% or even 99%!

Of course, THIS is the new code.

□ □ □ □ ▼



xiao sun 🗸 @xiaosun86

Oct 9

Replying to @karpathy

@grok use this function to run 1/(2+3j) what's the output?

●1 13 55 ♥



maui 🗸 @maui3005

Oct 9

Replying to @karpathy

Is that Claude 4.5? I've seen a similar behavior with the step by step code comments

● 13 55 ♥



Isaac Yonemoto is cooking ✓ @DNAutics

23h

Replying to @karpathy

no checks for processor subnormal mode on/off/unsupported? I question the competence of this LLM.

citizenhicks < @citizenhicks

Oct 9

Replying to @karpathy

wee bit much negative space programming.

Jonas ✓ @shakermanjonas

Oct 9

Replying to @karpathy

i noticed that 4.5 sonnet has been vibing incredibly well with defensive functional typescript



□ □ □ □ ▼

Insert Something Funny ✓ @InsertSthFunny

Oct 9

Replying to @karpathy

@karpathy love it! I know people who consider this as a feat and not a bug!

₽ 13 33 ♥

This tweet is unavailable

Blue Cactus Al 🗸 @bluecactusai

Oct 9

Replying to @karpathy

haha the LLM anxiety is prob off the charts 😢

₽ 13 33 ♥

Kosti 🗸 @kgourg

Oct 9

Replying to @karpathy @ducha_aiki

"Division succeeded without known trauma".

"Who hurt you bro" moment. 🤣

● t3 55 ¥1

NicholasGibbs ✓ @NickGibbsIAG

Oct 9

Replying to @karpathy

RL turning exceptions into existential crises! How about a middle ground: def divide(a, b): return a/b if b else 'Graceful shrug' # A nod to human resilience?

●1 **t !!** ♥1

Vladimir Tchuiev ✓ @VTchuiev

Oct 9

Replying to @karpathy

Why is it so verbose though

● 13 55 ♥

algology ✓ @0imalan

Oct 9

Replying to @karpathy

This is also the case for using them to moderate. They are overly cautious. Lots of false positives

₽ 13 33 ♥

berto ✓ @bertocastano

Oct 9

Replying to @karpathy

you have a point, although I'd like to see the prompt that created such a mess





Oct 9

Replying to @karpathy

P ∠ **L** 177 **V** ∠3

Wait so if b is too small, it returns NaN, but if a / b returns NaN, it returns None? That's incoherent!

● 2 **t 3 55 ♥** 12

