

Run! for Runtime
(powered by AL Gore-rithm)



Hi! I'm the Collaborations Bot.

I'm here to make it super easy for you to find the exact answers you're looking for, without wasting **your** time and energy scrolling through search results.

I'm built using cutting edge artificial intelligence and use intensive computing in order to work. Use the search bar below to ask me a question!

Save time and ask your question here...





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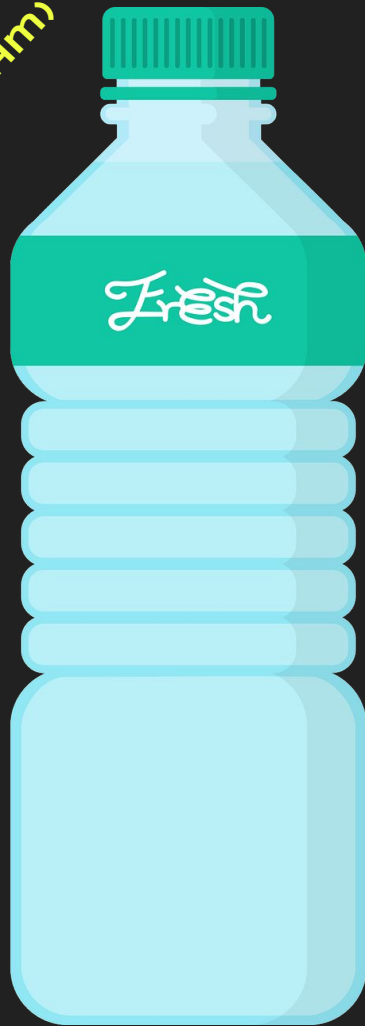
I'm built using cutting edge artificial intelligence and use intensive computing in order to work. Use the search bar below to ask me a question!

Oh no! Your job is really big.

Please wait until cooling is sourced.

Processing...

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“The researcher is running a big and important job. The data centre is running hot. It needs water for cooling.

Bring the researcher ten vessels of water pronto!

<https://github.com/quirksahern/Runtime>



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Redirecting power. Please wait.

Processing...

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“This job needs lots of power.
Given that it is big and important
electrical power needs to be
redirected. All non-essential
power needs to be turned off.
Please turn off the lights, close
laptops, and stop charging
phones. Go!”



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Redirecting power. Please wait.

Processing...



Congratulations!

You have successfully contributed to the climate crisis and exploitation of natural resources. Thank you for taking part.

[Go Back](#)



Run! For Runtime (powered by AI Gore-rithm)

Why?

"Run! For Runtime" explores the disconnect between people who compute things and the resources (materials, humans, energetics, or water) used to enable that compute.

There are three roles: the Researcher (who runs the job), Gatherers (who enable the job), and the Facilitator (who checks the evidence matches the resources).

The game uses bait-and-switch mechanics, embodied interactions, and snark/sark to educate communities of users.

<https://github.com/quirksahern/Runtime>



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Who is this for?

Educators (for whom this needs a better name!) + RSEs +
Anyone who cares about making visible the (largely) invisible
impacts of compute.

Full facilitator instructions are ready to go! It is focused on creating
dissonance between the researcher and the gatherers to represent the
disconnect between the interface presented to users and the things that
running computation has an impact on.

<https://github.com/quirksahern/Runtime>



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How did we do it?

Express JS

HackMD

Github

VS Code

Figma

Us!

<https://github.com/quirksahern/Runtime>



*“They did
what they
were told”*



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Next steps!

Fully connecting researcher view with the gatherer view.

Optional pathways, which demonstrate different types of compute job, and/or different forms of energy (dis)proportionality.

Possible development options (e.g. VR/AR, physical card based).

Stronger connection to the literature -- pedagogical connection

Multiplayer options

Wearables integration

<https://github.com/quirksahern/Runtime>

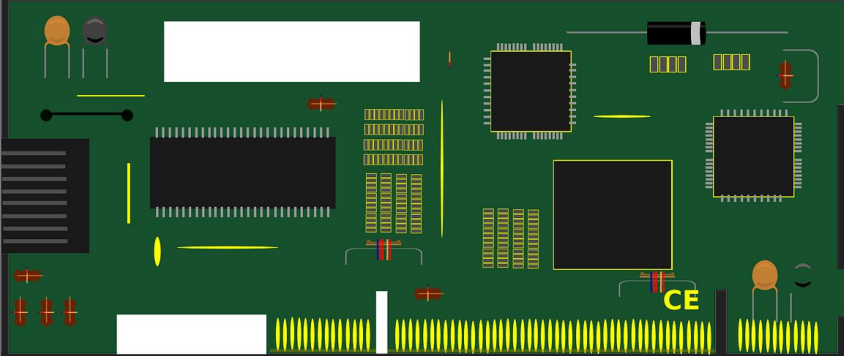


RUN! FOR RUNTIME
(POWERED BY AL GORE-RITHM)

*“Thanks all!
Give them
all the
prizes!”*



Run! For Runtime
(powered BY AL Gore-rithm)



“ Right, we need to manufacture a new GPU because this researcher doesn't know how to optimise their code. Gather together items containing the following: electronic circuitry, metal, plastic, and organise them into the shape of a square.”





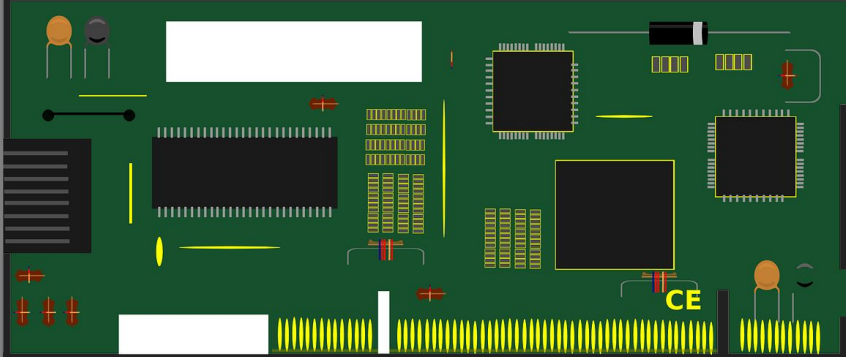
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“

There are now so many big computational jobs that the dream of a circular economy is impossible to realise. Pristine ecologies far far away from the researcher will need to be destroyed to make room for e-waste pollution. So, all those lovely resources you assembled, now you need to find a space the researcher cannot see (or better still, is just out of their sight but they'd rather not make the effort to notice) and put all of those resources in a disorderly heap.



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“
The researcher needs more
compute. This means that
people need to be put to work
to do all the mundane things
that underpin machine
learning. So, those who are
able, please begin to jog on
the spot.”

