

PEER REVIEW REFLECTION



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Oct 26, 2022

In your own words, explain what an ecosystem is, and discuss how IoT is an ecosystem of digital devices.

An ecosystem is a function of all things interconnecting to either maintain, progress, or regress a geographical area or environment. The IoT ecosystem is focused on the progression of the integration and communication of all devices globally. Some may even argue there is a progressive augmentation of natural resources into IoT ecosystems. For example, there is the recent release of the armless wind turbine to power the rapidly increasing use of devices being integrated into even the smallest and simplest ecosystem components. By smaller and simpler, I mean devices such as Intelligent sprinkler systems for the sake of our agricultural progression or the "Woosh" air filtration system (As seen on Shark Tank) which is read and notifies homeowners of the overall air quality and filter capabilities in their home right on their phone. All these small components are what collectively make an IoT ecosystem. Then there are of course the larger impacts on humanity and society such as the interconnection of intelligent travel, work, education, and family life.

← Reply



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Scott Braaten

Oct 29, 2022

I definitely agree with the idea that natural resources are part of IoT ecosystems and that as technology progresses, there will be a much more indeterminate boundary between nature and computer technology. With things like nanotechnology, the very stimuli that we often strive to measure may be electronically connected through the use of the ever decreasing size of microprocessors. This is where the idea of fog and mist computing come into play - through the use of efficient strategies like distributed computing, we will be able to increase our computation even more, on top of the increased power and capacity of developing microprocessors.