

### **Experiences into Bringing Artificial Vision Everywhere**

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Both academia and industry are currently moving at lightspeed towards the Deep Learning (DL) paradigm. The computational resources required for DL, however, are difficult to find unless we resort to the cloud or powerful workstations. This obviously limits its applicability, since we encounter problems with bandwidth, latency, privacy/security, mobility and area coverage. In this talk we share our experience in the field by showing how hardware and software can be tailored for the task of bringing DL to ubiquitous devices. We will focus on the results of two ongoing European-level projects, Eyes of Things (<http://eyesofthings.eu>) and BONSEYES (<https://www.bonseyes.com/>), which deal with the hardware and software sides, respectively.