

OFERTĂ PRACTICĂ DE VARĂ EVERSEEN

- 4 locuri de practica aprobate pentru 2 luni, program de 8 ore si 2000 Lei/luna.

Proiectele se adreseaza studentilor de la EA și TST

1. EverQuick DEV Team: 2 studenti

- 1 **Automated tests using gherkin. Can be used for module, system, functional, integration testing. Integrates with Jenkins.**
<https://cucumber.io/docs/bdd/better-gherkin/>
- 2 **C++ library used for building expert system microservices. Allow ML engineers to build an expert system by defining conditions and rules, then attaching callbacks to transitions. Listens on push events from ML and other input devices (payment, human clerk, etc), then publish state (publish/subscribe architecture)**
- 3 **C++ ml inference library for microservices deployed to the customer. Input: weights at compile time, data streams at runtime (images from cameras or any other data from sensors), output: classification. Binds with zeromq on push socket (push/pull architecture) to the expert system.**

2. EverDoor HW Team: 2 studenti

- 1 **Embedded technologies project, Everdoor physical product:**
 - a **Combine an IP camera with a Jetson AGX device;**
 - b **Determine the best carrier board for AGX, determine power needs, try to fit it on a POE device;**
 - c **The device should be powered by a single POE cable, which feed both data and power to both camera and AGX;**
- 2 **Hardware / analogue electronics project, Everdoor physical product:**
 - a **Combine an IP camera with a Jetson AGX device;**
 - b **The device should be powered by a single POE cable, which feed both data and power to both camera and AGX;**
 - c **Power source design / build needed for power the AGX from the POE line.**

Cererile se primesc pana vineri (09.07) la 17:00. - termenul se prelungeste

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