Enis BILICAN

New Technology Engineer

Coming from a cutting-edge scientific sector and oriented towards new technologies and **industry 4.0**.
Specialized in **technical project**, particularly in **IT** linked to **Data**, **Embedded systems**, and **Machine Vision** with **AI**

📞 +32 499 79 02 86

🏠 French citizen

📍 Worldwide mobility

📅 Born the 02/26/1998

💳 Driving license B and A

💼 PROFESSIONAL EXPERIENCES

Industrial IT Consultant

Otofacto – Brussels (BE) - 2021/Today

-**Community Facilitator** for **Otofacto**, Brussels

- ❖ Create, organize, manage sharing knowledge sessions about all industries to introduce as **SME** the new means and technologies like **IA**, **ML**, **machine vision** and **robotic** to groups of 10/15 future clients.

- **AI, IT & Vision Project Engineer** for **Takeda,** Lessines

Lead the AI/IT and vision part of the first implementation of AVI (Automatic Visual inspection) machine powered by AI.

- ❖ Manage the project in technical point of view for AI, vision algorithms and IT. Create and follow the planning, choose the right components. Manage the allocated budget and make products orders.
- ❖ Manage the system integration, performance monitoring, and regulatory compliance. Achieve a substantial reduction in inspection times and increased throughput.

- **Embedded Software and Critical Device Engineer** for **FN Herstal**

Software engineer specialized in vision with lidars and cameras for the creation of IT part of a complex marine firing defence systems

- ❖ Developed on yocto for a marine defence system, including software design, algorithms for system configuration and auto-aiming with AI on lidars & cameras.
- ❖ Created user interfaces (HMI) in C++ and Ansys SCADE.
- ❖ Managed software implementation in a Linux environment and integration with electromechanical systems.

IT & Vision Engineer

Brioche Pasquier – Arras (FR) - 2020/2021

Development **from scratch** of an innovative industrial vision solution for multi-products controlling volume, shape, and colour control via **sensor fusion**.

- ❖ Integral IT **project management** as well as the budget of 50k €
- ❖ Study of the system meeting the need in collaboration with the quality assurance department and the mechanical design office to establish functional specifications
- ❖ Integral **programming** of algorithms, HMI, and **robotic** ejection.
- ❖ Creation of a prototype and installation on production line as pilot project.
- ❖ Production and planned to use on lines **nationwide**.

Technical: Python with Numpy, OpenCV and Colour-Science modules, C++, ImageJ, AutoCAD

🎓 DIPLOMAS & STUDY

Master's degree in Industrial Engineering

University of Lille, Sciences and Technologies – 2019/2021

Management of new means of production through the transversal use of automation, robotics, and programming. This involves AI, IoT, fusion sensors and industrial vision. **Major of promotion**.

Bachelor's degree in ESEA

University of Lille, Sciences and Technologies – 2016/2019

Exact & engineering sciences in the field of **Electronics**, **Electrical System** and Fundamental **Automation**.

💻 IT

Programming
8 / 10
Python, C/C++, .NET, PHP

Data & Automation
7 / 10
SQL, Influx DB, Data Processing

Project Management
9 / 10
MS Project, DMAIC methodology, DrawIO

Microsoft Office Expert
10 / 10
Power BI, SharePoint, Word, Powerpoint, Access, Excel & VBA

💬 LANGUAGES

English
B2 : TOEIC 870 / 990

French
Mother Tongue

Turkish
Fluent

🏋 HOBBIES

Sports:
- ❖ Regular fitness & squash sessions

Personal projects:
- ❖ Creation of game and discussion servers as well as websites
- ❖ Creation and configuration of a smart home with a NAS used as a personal Cloud.
- ❖ Connected and ventilated face mask in prototype state.
- ❖ Portfolio web site development from scratch with flask on python, Apache using a raspberry pi on Ubuntu server.

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