

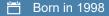
Enis BILICAN

IT/AI & Vision 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, AI, embedded systems and Machine Vision.











🖶 PROFESSIONAL EXPERIENCES

Embedded Software & **Critical Device Engineer**, FN Herstal -

Belgium - 01/2023 to 10/2023 and from 04/2025 to Present

Development of embedded software for a marine defence firing system integrating vision, robotics, and electromechanics within an 11-member team.

- Designed and implemented C++ embedded architecture and HMI using Qt and Ansys SCADE.
- Developed Al-based algorithms for system configuration, acquiring, and communication with CAN, TCP/IP.
- Integrated software into hardware systems and ensured compliance with defence standards.

Trainer for HSE-Geneve, GSK, Otofacto – France and Belgium -01/2021 to Present

✓ Created, organized, and led knowledge-sharing sessions and training courses across various industries to introduce new technologies as AI, ML, machine vision and modern working methodologies to groups of 10-20 participants.

Industrial Al Project Engineer, Takeda – Belgium - 01/2021 to Present

Implementation of an Automatic Visual Inspection (AVI) system with 17 Al-ready camera stations and robotic integration for biological product control. Development of vision programmes.

- Led the AI & Vision workstream, managing integration, algorithms, and compliance.
- Optimized vision models and thresholds to reduce false positives and enhance defect detection.
- Developed GPU-based processing architecture and Digital Twin simulations for inspection flow.
- Collaborated with global and technical teams, ensuring regulatory alignment and standardization.

Software Engineer, AGC glass

Lidars are used in autonomous driving, my mission was to develop connection algorithms, point cloud exploitation and integration with existing AI modules.

- ✓ Creation of the connection and **data analysis** algorithm working in real time
- Post processing the data and optimization of driving image recognition module hyperparameters by deep learning.

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.

Programming

8/10

Python, C/C++, .NET, PHP

Data & Automation

7/10

SQL, Influx DB, power BI

Project Management

9/10

MS Project, DMAIC, Draw IO, Gant PRO

Microsoft Office Expert

10 / 10

SharePoint, Word, PowerPoint, Access, Excel & VBA

LANGUAGES

English

B2: TOEIC 870 / 990

French

Mother Tongue

Turkish

Fluent

₩ HOBBIES

* Regular fitness, squash, and footing 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.