

EXYPNOS

Your path to AI solutions

PFE Internship Book

ABOUT OUR COMPANY

Exypnos is the AI software developing company, driving innovation and maximizing success through cutting-edge solutions. We combine creative thinking with deep technical expertise to seamlessly integrate AI into business's workflows, from computer vision and strategic integration to data-driven decision making.





OUR VALUES

Innovation


We look for innovative solutions to our problems, pushing creativity and ambition

Quality

We always give our best to our partners and clients

Collaboration

Whether its our team members or our clients, we're united to provide better technology



WHY YOU SHOULD JOIN US

- You'll get to work on advanced technologies and try to solve complex problems
- You'll work with a great team of both experts and ambitious learners
- Every idea matters, we always brainstorm together and try to find innovative solutions
- A recruitment opportunity



MISSION N°1

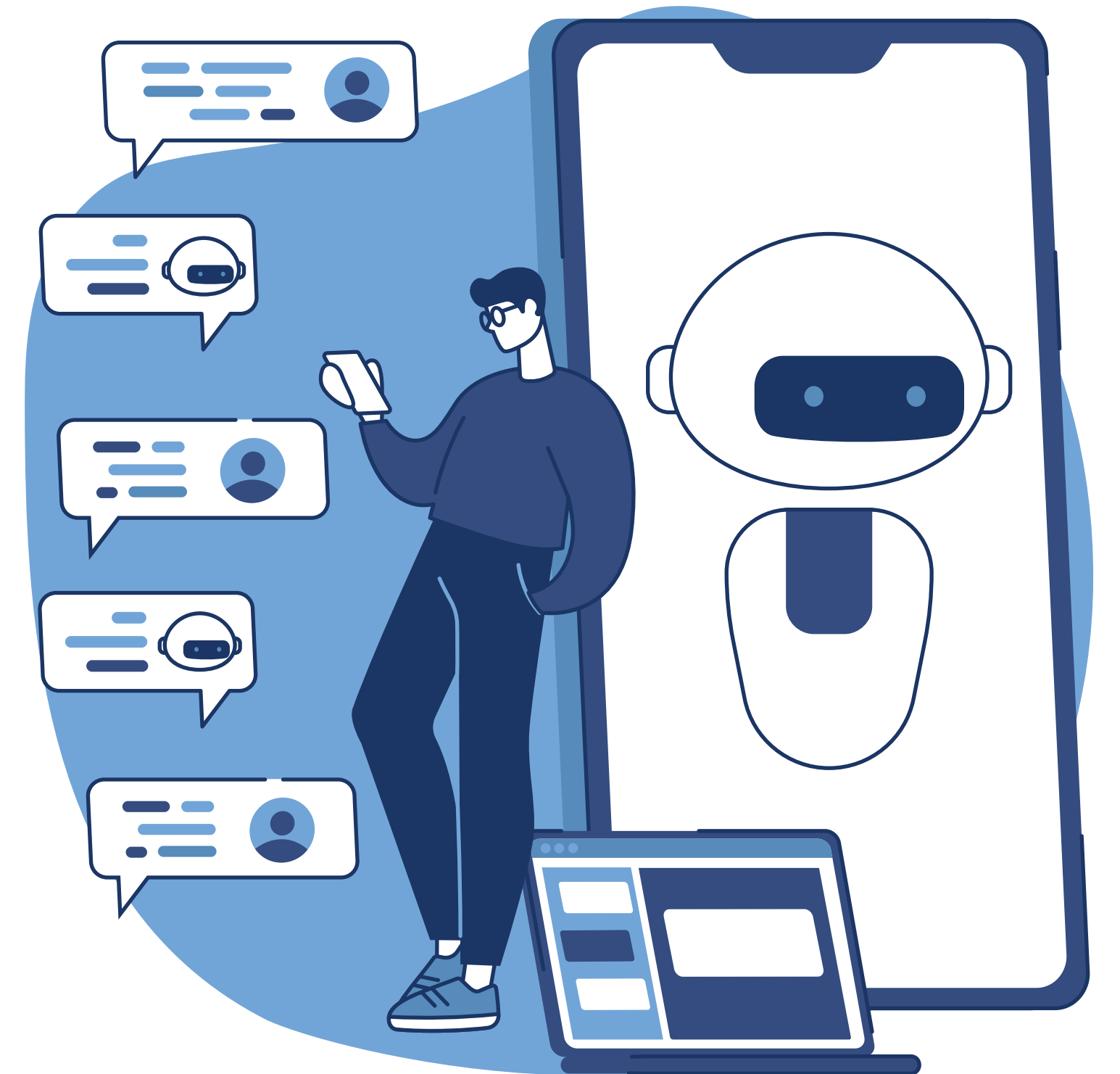
Development of a mobile App for Image capture, Object detection and Annotation

The project aims to design and implement a mobile application that allows users to capture scenes, detect objects within these scenes, and annotate them. Users will annotate the objects, providing a database of annotated images for training deep learning models.

Technologies:

- Mobile development
- Object detection frameworks (Tensorflow, YOLO...) Mobile database (Firebase, SQL...)
- Education Level: Licence/Engineer

Duration: 4-6 months



MISSION N°2

Development of a Tree decision model using Deep Learning

The project aims to design and implement a tree decision algorithm that uses deep learning models in order to achieve better precision on certain tasks

Technologies:

- Python
- Deep Learning frameworks (Tensorflow, YOLO...)

Education Level: Licence/Engineer

Duration: 4-6 months



MISSION N°3

Development of a level 3 fingerprint identification module

The project aims to design and implement a level 3 fingerprint identification module:

- Detection of key features
- Matching and recognition

Technologies:

- Python
- Matlab
- Deep Learning frameworks (Tensorflow, YOLO...)

Education Level: Licence/Engineer

Duration: 4-6 months



MISSION N°4

Development of a mobile application for visually impaired people

The app should allow visually impaired individuals to:

1. Find points of sale corresponding to their needs: clothing, food, shoes, services, ...
2. Recognize the types of articles displayed in shop windows or a specific article and its price.
3. Recognize different coins.

Technologies:

- Mobile development
- Deep Learning Frameworks

Education Level: Licence/Engineer

Duration: 4-6 months



MISSION N°5

Extraction of key semantic information from a video

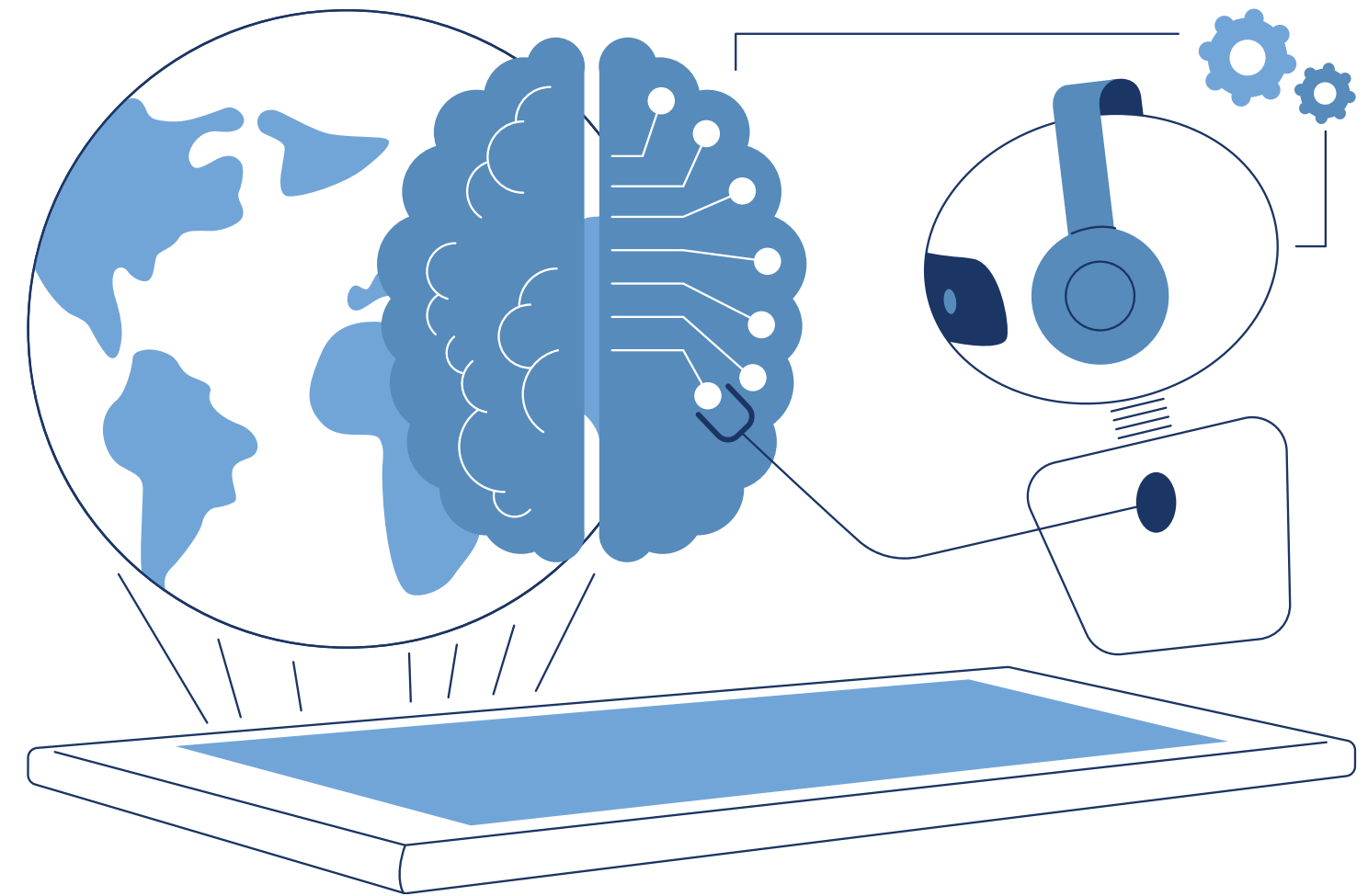
The project aims to design and implement a software that extracts key visual and semantics elements from a video using AI

Technologies:

- Python
- Gen AI
- Deep Learning frameworks (Tensorflow, YOLO...)
- Image Processing

Education Level: Licence/Engineer

Duration: 4-6 months



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CONTACT US

 contact@exypnos.dev

 www.exypnos.dev

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