2026

PFE BOOK

OLINDIAS

Monastir, Tunisia

Outline

About Us

Olindias is a global AI innovation company that delivers smart AI features and solutions that enhance product performance, improve user experience, and accelerate digital growth.

Vision :
We believe technology should empower people.
Our vision is to create practical, human-centred AI that helps companies innovate with confidence and make a positive impact.

Expertise :
Olindias provides flexible AI search, recommendation, and Natural Matchmaking technologies that integrate seamlessly into any SaaS.

OLINDIAS

Our Values

We believe in the transformative power of technology and we're dedicated to:

1. Innovation

Empowering people and businesses to grow together.

2. Credibility

Strengthening trust within the startup ecosystem.

3. Impact

Building a SPAM-FREE digital future together!

Subject 1 : Real-Time AI Co-Influencer for Live Social Media Growth

This projet aims to create an AI influencer persona capable of appearing in live streams or short social videos to promote products. The AI will reflect the brand's tone, interact with audiences in real time, and deliver value-based messages that boost trust, visibility, and conversions.

The selected student will work on:

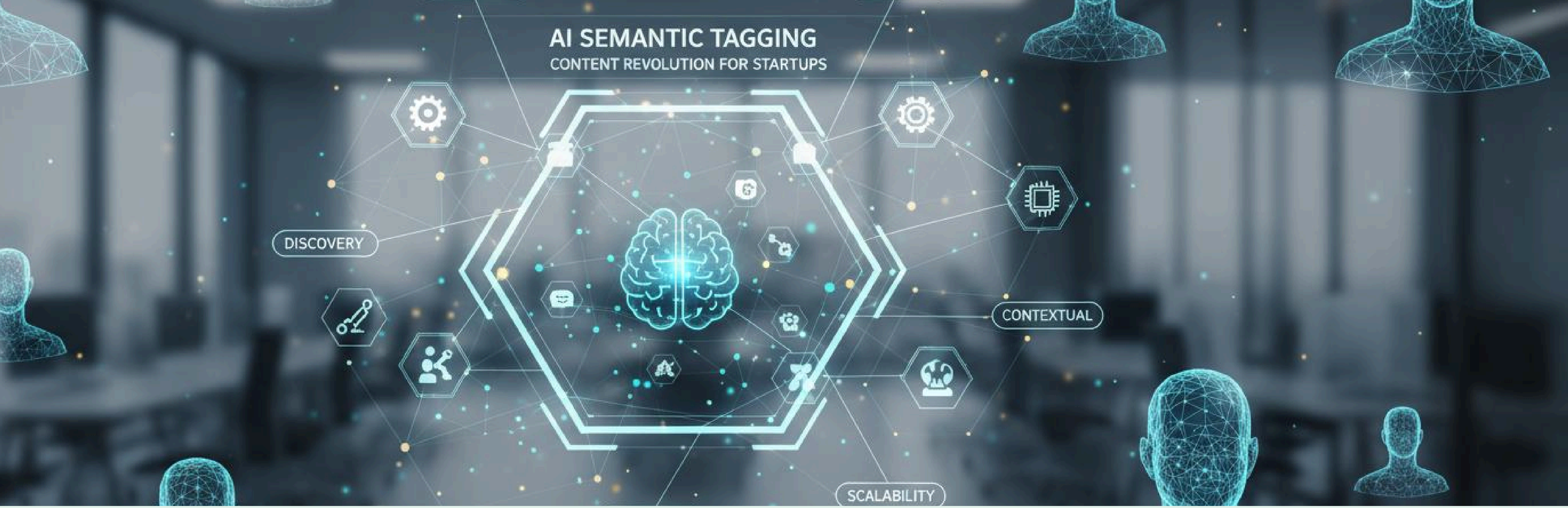
- Build the AI persona engine (voice, tone, messaging style)
- Enable live/on-video interaction with user comments and questions
- Implement intent & sentiment classification for audience messages
- Generate AI responses or suggestions for a human host
- Create an analytics dashboard (engagement, sentiment, conversions)

Expected Outcome:

A functional AI Co-Influencer prototype capable of engaging audiences authentically and improving marketing performance through automated interactions.

Skills Required:

AI/LLMs, NLP, Speech Generation, Real-Time APIs, Python/Node.js, Marketing Analytics.



Subject 2 : AI-Powered Semantic Content Tagging for Videos

This projet aims to develop a Multimodal AI system that automatically generates advanced semantic metadata for videos. The model will analyze visuals, audio (speech-to-text), speaker intent, and on-screen text to produce deep contextual understanding far beyond simple keyword extraction.

The selected student will work on :

- Build a multimodal pipeline combining vision, audio, and text
- Extract semantic embeddings from speech, captions, and visual frames
- Perform scene segmentation, topic detection, sentiment, and intent analysis
- Generate structured metadata: tags, concepts, categories...
- Integrate results into search & recommendation engine
- Optimize for speed, relevance, and cross-language understanding

Expected Outcome:

A fully functional MVP capable of generating rich, meaningful metadata for any video.

Skills Required:

AI/ML, Deep Learning, NLP, Speech-to-Text, Computer Vision, Embeddings, Python, PyTorch/TensorFlow, Video Processing.

Subject 3 : AI-Driven Behavioral Monitoring and Zero-Knowledge Secure Credential Sharing

This projet aims to design and prototype a Zero-Trust security architecture. The system integrates a User & Entity Behavior Analytics (UEBA) module to continuously monitor user actions, detect anomalies, and generate real-time risk scores.

The selected student will work on:

- Design a Zero-Trust access flow for sensitive workspace resources
- Implement UEBA models to detect abnormal behavior and risk levels
- Build ML pipelines that analyze login patterns, location, device, frequency
- Create a Zero-Knowledge Proof (ZKP) mechanism for credential validation
- Integrate ML-based decisions with access control rules

Expected Outcome:

A functional architecture + demonstration real-time behavioral monitoring, dynamic risk scoring, and Zero-Knowledge credential verification, ready for integration.

Skills Required:

Cybersecurity, Zero-Trust Architecture, ML/AI, Behavioral Analytics, Python/Node.js, Data Engineering, Security Protocols.

Subject 4 : AI Model for Real-Time Video Translation with Live Lip Sync

This projet aims to develop an in-house AI translation model with real-time lip synchronization, designed specifically for pitch videos. The project will replace our current third-party solution with a fully optimized, low-latency system capable of translating speech, generating aligned voice output, and synchronizing lip movements seamlessly for multilingual viewers.

The selected student will work on:

- Building a speech-to-text + translation pipeline (multilingual)
- Generating AI-based voice output matching the speaker's tone
- Implementing real-time lip-sync using neural networks
- Integrating the model into video player for live pitch translation
- Optimizing for speed, accuracy, and naturalness

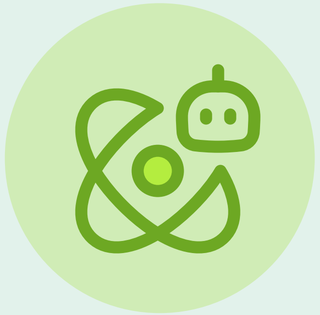
Expected outcome:

A fully functional MVP capable of translating any startup pitch video into multiple languages with realistic lip synchronization and high fidelity audio, ready to be deployed.

Skills Required:

AI/ML, Deep Learning, Computer Vision, NLP, Python, PyTorch/TensorFlow, Video Processing.

Expertise



Artificial Intelligence

Software development

Marketing and growth

How to Apply?

Requirements

- Willing to learn and take the challenge
- Have relevant skills and interests
- Have an adequate level of written and spoken English
- Able to work side by side with people of all backgrounds and disciplines
- Available for full-time and on-site internship
- Available for long-term work after the internship

Advantages

- Monthly bonus according to profile
- Achievement bonus
- In demand Trainings

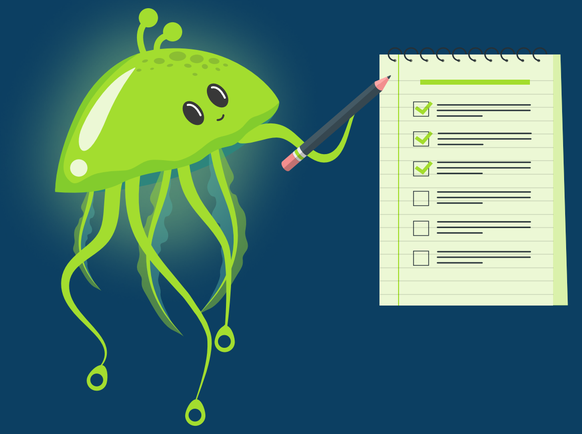
Location

- Knowledge Place, Monastir, Tunisia

Application

- Application only accepted by a formal email with an English CV and a cover letter sent to **career@olindias.com**

Innovating Together for a Lasting Impact!



Email

career@olindias.com

Location

Monastir, Tunisia

Website

www.olindias.com