



# Si-mAind

INTELLIGENCE WITH EMOTIONS



**MILA AI**  
LICENSING  
(software)  
CURRENT  
PROJECT



DISTRIBUTED  
MILA NET  
(blockchain)  
2023



ROBOTICS  
NEUROMORPHIC  
IoT  
2025+

# WHERE IS THE INDUSTRY 4.0?

- Technology and techniques only 1 in 60 developers can use
- High TCO
- Production AI models need retraining to conform to arising changes (COVID, upgrades, legislation, new products)
- Long development

## Specifically for computer vision

- Lack of context
- Security threats (Pixel and Black box attack, Transfer learning)
- Exponential scaling costs

Si-mAind

*Our vision is to create well designed AI technology so that it becomes more accessible for programmers and find ways to do so in the most simple manner, while making its features as intuitive and flexible as possible.*

# TECHNOLOGY ROADMAP FOR MILA AI



MILA AI MVP

CONTEXT &  
EMOTIONS



GO TO MARKET



2021



2021

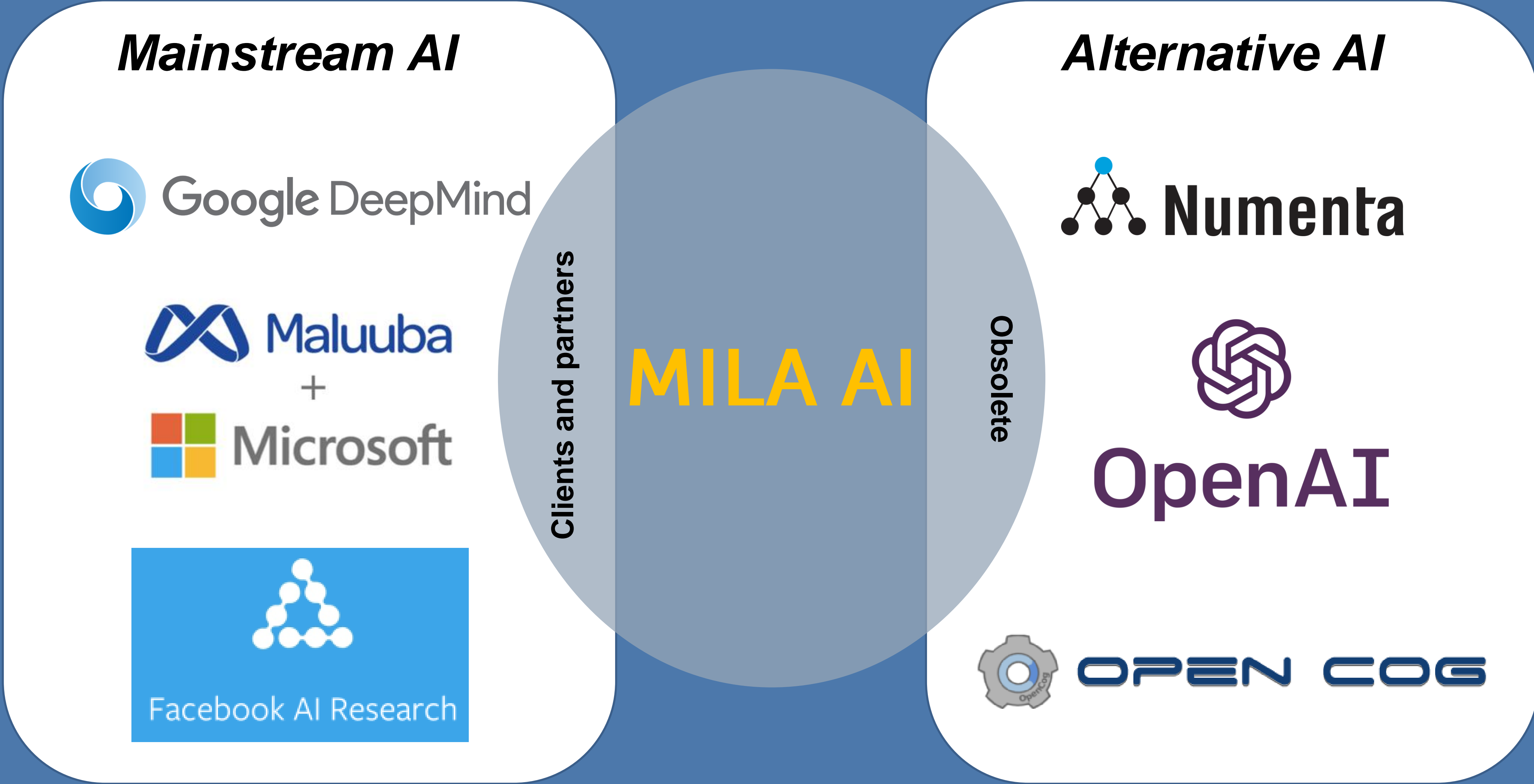


2021



2021

# POSITIONING



# THE SOLUTION



## NEW AI TECHNOLOGY

**MILA AI**

- Efficient
- Easy to use
- Low TCO
- New features
- Better security
- Linear scaling



**DISTRIBUTED  
MILA NET**

- Scaling
- Distributed
- Redundancy
- Incentive



**ROBOTICS  
NEUROMORPHIC  
IoT**

- Embedded AI
- Edge flexibility
- Plug&Play

## SALES POSITIONING FOR MILA AI

- SAAS FOR B2B2C
- LICENSING FOR B2B
- CUSTOMIZATION



# POTENTIAL EXITS FOR MILA AI

news.microsoft.com › 2019/07/22 › openai-forms-excl... ▼

## OpenAI forms exclusive computing partnership with Microsoft ...

Jul 22, 2019 — Multiyear partnership founded on shared values of trustworthiness and empowerment, and an investment of **\$1 billion from Microsoft**, will focus on ...

soconnect.co.uk › blog › 2017/02/07 › microsoft-acqui... ▼

## Microsoft acquires deep learning startup Maluuba; AI pioneer ...

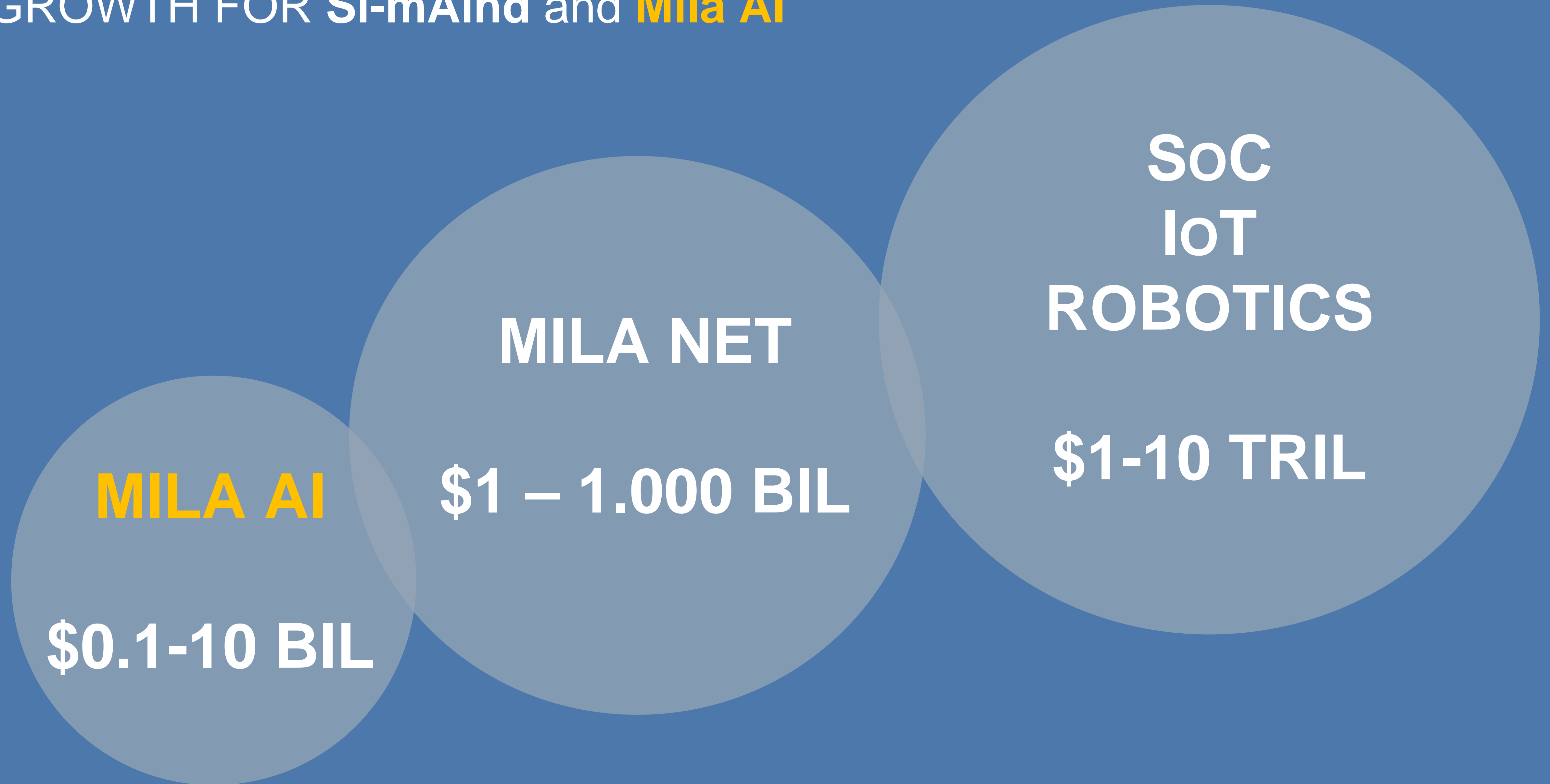
Feb 7, 2017 — Microsoft has acquired deep learning startup Maluuba. ... **Microsoft is wanting to spend between fifty and seventy million dollars** to get this firm ...

qz.com › how-much-googles-deepmind-ai-research-cos... ▼

## How much Google's Deepmind AI research costs (GOOG ...

Oct 5, 2017 — **Google** acquired the British artificial-intelligence startup **DeepMind** in 2014 for a reported **£400 million (roughly \$525 million)**, a company its ...

# GROWTH FOR Si-mAind and Mila AI



**MILA AI**

**\$0.1-10 BIL**

**MILA NET**

**\$1 – 1.000 BIL**

**SoC  
IoT  
ROBOTICS**

**\$1-10 TRIL**

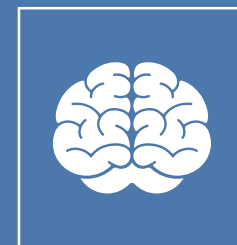
# THE CORE TEAM



**ALEKSANDAR SAVEVSKI**

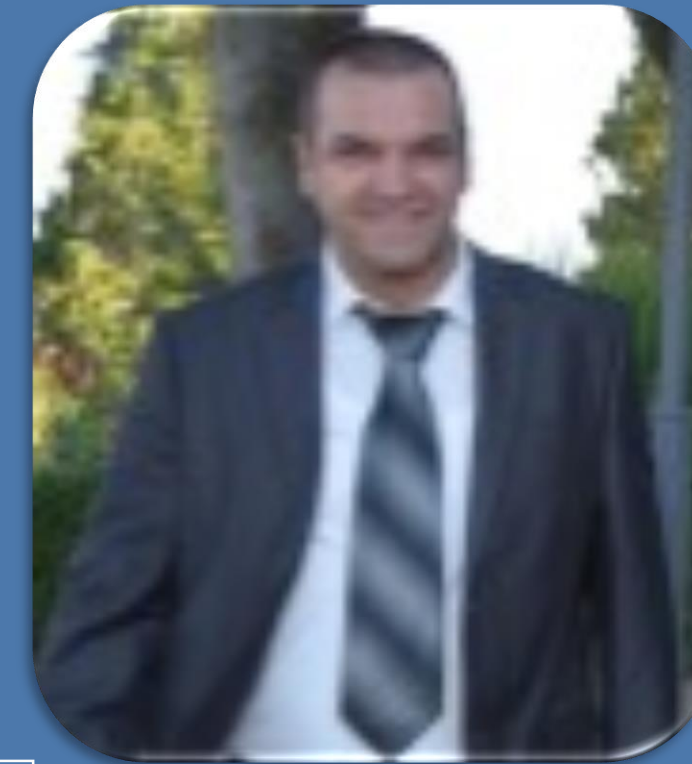
GENERAL MANAGER

FOUNDER



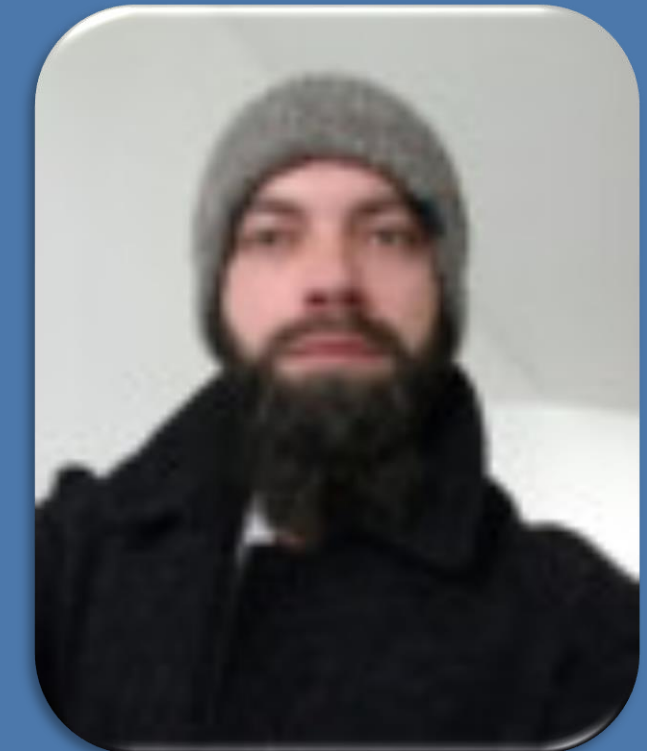
**PHD PROF. HRISTIJAN GJORESKI**

AI EXPERT



**GORAN STOJCESKI**

DEVELOPER



**MIROSLAV KITANOSKI**

DEVELOPER

# WHAT WE NEED

**SI-MAIND**

**500.000 €**

# MILA AI WORKING CODE

ALEKSANDAR SAVEVSKI

PERSONAL MAIL:

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The screenshot displays the MilaAI Explorer application interface. On the left, a terminal window shows the training progress for epochs 53 through 73. The training metrics are as follows:

Epoch	loss	acc	val_loss
53/75	0.0151	0.9973	
54/75	0.0142	0.9974	
55/75	0.0141	0.9976	
56/75	0.0129	0.9980	
57/75	0.0126	0.9980	
58/75	0.0124	0.9981	
59/75	0.0114	0.9982	
60/75	0.0111	0.9985	
61/75	0.0105	0.9985	
62/75	0.0101	0.9986	
63/75	0.0098	0.9984	
64/75	0.0090	0.9989	
65/75	0.0089	0.9989	
66/75	0.0084	0.9989	
67/75	0.0076	0.9993	
68/75	0.0078	0.9989	
69/75	0.0074	0.9992	
70/75	0.0070	0.9993	
71/75	0.0066	0.9994	0.1336
72/75	0.0065	0.9995	0.1345
73/75	0.0063	0.9994	

The main interface of MilaAI Explorer is visible on the right, featuring a 'MilaAI Test Explorer' window. This window includes a 'Set up MilaFilter' section with a 'Filter size' dropdown set to 3 and an 'Only MAX to output' checkbox. Below this is a 'Transfer setup' section with a 'Batch size' dropdown set to 100. The interface also contains buttons for 'Create Filter', 'Open CSV File', 'Process Data', and 'Save to CSV File'. A terminal window at the bottom right displays the following output:

```
Reading data from CSV file ...  
Data for Mila prepared. Number of images: 42000  
Image size: 28 x 28  
Number of batches: 4; Batch size: 10000; Remaining  
size: 2000  
Data read from CSV and prepared, time taken: 4  
seconds;  
Time taken by MilaAi CUDA processing:: 1 seconds;  
CUDA success!
```

# USE CASES FOR MILA AI



Anomaly Detection



Smart Assistant



Parts Life Span Prediction



Predictive Maintenance



Automatic Sorting



Visual Inspection



Process Improvement



Audio Diagnostics



Quality Prediction



Assembly Line Optimization