

Shape the future of AI in manufacturing

Join a 6-month paid AI research internship for 2nd, 3rd and 4th year students.

Choose between Romanian Speech AI or Predictive & Knowledge AI and contribute to a real manufacturing AI project.

Romanian STT

Romanian TTS

Predictive models

Embeddings

LLMs & agents

6

paid internship positions –
2 per year of study

2

research teams:
Speech & Predictive AI

6

months with a
dedicated mentor

Two research teams, one manufacturing AI project

Each team brings together one student from the 2nd, 3rd and 4th year

1

TEAM 1 · SPEECH-TO-TEXT & TEXT-TO-SPEECH

Romanian Speech AI

WHAT YOU WILL RESEARCH

- Benchmark open-source and commercial STT models for Romanian
- Test and improve accuracy in noisy factory environments
- Evaluate Romanian TTS voices for naturalness and latency
- Prototype hands-free voice commands and reporting on the shop floor

Measured by: word error rate · listening tests · latency

2

TEAM 2 · PREDICTIVE MODELS & EMBEDDINGS

Predictive & Knowledge AI

WHAT YOU WILL RESEARCH

- Predict equipment failures and detect anomalies from sensor data
- Explore quality and process prediction on production data
- Use embeddings for semantic search over manuals and maintenance logs
- Connect knowledge sources to LLM-based agents (RAG)

Measured by: accuracy vs. baseline · search relevance

Your role grows with your year of study

Same team, different responsibilities – 4th year students lead, younger students learn by doing

2

2ND YEAR
2 positions

Data & Evaluation

- Collect, clean and label audio and production data
- Write test and benchmark scripts
- Run evaluations and report results
- Summaries papers and existing solutions

3

3RD YEAR
2 positions

Experiments & Prototypes

- Run and compare AI models
- Fine-tune models and tune parameters
- Build prototypes and simple APIs
- Document experiments and findings

4

4TH YEAR
2 positions

Team Lead & Architecture

- Plan the team's research work
- Design integration into the main AI platform
- Ensure code quality, security and data privacy
- Mentor team members, report to our IT team

What we expect & what you will learn

You don't need to be an expert. We expect curiosity and basic knowledge – you will research, learn and contribute together with our team.

WHAT WE EXPECT FROM YOU

WHAT YOU WILL LEARN

2

2nd
year

- Basic programming (c#, Python ..etc)
- Basic understanding of AI, LLMs and agents
- Curiosity and willingness to learn

- Working with real speech and industrial data
- AI evaluation methods and metrics
- Git, teamwork and research habits

3

3rd
year

- Good programming skills
- Machine learning basics (scikit-learn / PyTorch)
- Ability to work independently on tasks

- Training and fine-tuning AI models
- Speech and predictive modelling in practice
- Turning experiments into prototypes

4

4th
year

- Strong software engineering skills
- Interest in architecture, ML projects a plus
- Leadership and clear communication

- AI system architecture and deployment
- Data privacy and security (GDPR) in AI
- Leading a team in a real industrial project

Benefits from Internship Program

Doing your internship program in a multinational company brings you many benefits and full professional experiences

YOU CAN BENEFIT ON

- Learning and development in a multinational company
- Salary: 4400 lei net / month
- Flexible working hours
- In-house Gym facility
- In-house medical services

YOU CAN GAIN

The duration of each project is **6 months**, period in which you will be **guided by a mentor** who will give you best assistance, guiding you through your internship period and advice you.

The internship program will be finalized with an **own project**, piloted during the 6 months.

How the internship works

6 months · paid · guided by a dedicated mentor from our IT team



Ready to join us?

Send your CV and a short motivation note. Please mention your year of study and the research team you are interested in.

SELECTION PROCESS

CV review → Technical exam in English

Candidates who pass → Competency interview in English

APPLY AT

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