

## Contact me

- +33 770 263 141
- alex.razvan.ispas@gmail.com
- alexrazvanispas.com
- razvanip
- Paris, France

## Skills

- Deep Learning
- Python
- Statistics
- Empathy
- Data Structures
- Natural Language Processing
- Speech Recognition
- Critical Thinking
- Teamwork

## Programming languages and frameworks

- Python**  
advanced
- PyTorch**  
advanced
- Tensorflow**  
intermediate
- Git**  
advanced
- SQL**  
advanced
- APIs**  
advanced
- Vue.js**  
intermediate
- .Net**  
intermediate

## Certificates

- IELTS C1**  
(05/2022 - Present)  
Proeficient level certificate for Academic English

# Alex-Răzvan Ispas

As a second-year Artificial Intelligence Master's student, I am highly dedicated to finding creative solutions for real-life problems. My passion lies in building intelligent systems, which has led me to focus on artificial intelligence both academically and professionally. Through my studies and personal exploration of various branches of AI, I have developed a deep interest in this field and I am committed to pursuing it as a career.

## Publications

**A.-R. Ispas, T. Dechamps-Berger, L. Devillers, A multi-task, multi-modal approach for predicting categorical and dimensional emotions.**

(09/2023)

- Accepted for publication in the MSECP-Wild 2023 Workshop of ICMI 2023

## Work Experience

### Machine Learning Research Intern, CNRS - LISN

(05/2023 - 07/2023)

- Exploring multi-task learning between discrete and continuous emotions
- Creating adaptive cross attention architectures between the speech and textual modalities
- Working in a research team with the other Ph.D students  
Contact : Laurence Devillers - devil@lisn.fr

### Machine Learning Research Intern, CNRS - LISN

(11/2022 - 01/2023)

- Studied the connection between the two paradigms of emotions: discrete and continuous
- Performed classification via regression by detecting the continuous emotions and then mapping the continuous emotions into discrete emotions
- Performed multimodal experiments between speech and text on IEMOCAP corpus  
Contact : Laurence Devillers - devil@lisn.fr

### Research Scholarship, Babeş-Bolyai University

(12/2021 - 05/2022)

- Project funded by Pixel Data in which we performed speech to text on medical recordings in Romanian language
- Fine-tuned the wav2vec2 model for Romanian language  
Contact : Laura Dioşan - laura.diosan@ubbcluj.ro

### Full-Stack Developer Intern, TSS Yonder

(07/2021 - 08/2021)

- Created a bureaucracy application for the internal management of the company with .Net and Vue.js
- Working in a team of four students based on the Agile scrum paradigm
- Reporting and reviewing the code written in the application  
Contact : Andrei-Paul Solomon - andrei.drew98@yahoo.com

## Education

### Paris-Saclay University, MSc Artificial Intelligence

(09/2022 - Present)

- Fundamentals of Machine Learning, Statistics, Deep Learning, Linear Algebra, Optimization

### Babeş-Bolyai University, BSc Computer Science

(09/2019 - 07/2022)

- Thesis: *Deep Learning approaches for affective computing in facial expression and speech emotion recognition, Artificial Intelligence, Affective Computing, Calculus 1 & 2, Data Structures*

## Languages

- English**  
Full Professional Proficiency
- French**  
Working Proficiency
- Romanian**  
Native

## Interests

- Reading
- Jogging
- French Language
- Meditation

## Achievements

### Dataton Bancolumbia

(09/2022 - 10/2022)

- Reached top 10 in the 2022 Dataton organized by Bancolumbia together with two of my colleagues

### Performance Scholarship

(09/2019 - 07/2022)

- Reached the highest possible scholarship in my Bachelor university

## Volunteering Experience

### Bias in Machine Learning - Babeş Bolyai Univeristy

(03/2023 - 04/2023)

- Held a lecture about "Bias in Machine Learning" for the students of my Bachelor University

### C++ The bridge between high and low programming - National College "Alexandru Lahovari"

(08/2021 - 09/2021)

- Held a three days workshop regarding object oriented programming and modern C++.

### The Zen of programming and robotics - National College "Alexandru Lahovari"

(09/2020 - 10/2020)

- Held a two days workshop regarding the fundamentals of Python.