

# Stéphane Nguyen

PHD STUDENT IN EFFICIENT WORLD MODELS

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## About

I am a PhD student in the Machine Learning Group at the University of Geneva. My advisor is François Fleuret and I am currently working on Efficient World Models.

## Education

### University of Geneva

*Geneva, Switzerland*

PhD candidate in Efficient World Models

*Oct 2024 - Ongoing*

- Head TA for 11X001 *Introduction to programming and algorithms*

### University of Geneva

*Geneva, Switzerland*

MSc in Computer Science

*Sept 2022 - Jul 2024*

- Relevant coursework: Deep Learning, Data Science, Metaheuristics for Optimization, Multimedia Security and Privacy, Information Retrieval.
- TA for 14X013 *Metaheuristics for Optimization* (Python)

### University of Geneva

*Geneva, Switzerland*

BSc in Computer Science

*Sept 2018 - Jul 2021*

- Relevant coursework: Artificial Intelligence, Data Mining, Elements of Information Theory, Digital Image Processing.
- Undergraduate TA for 13X012 *Concurrent and distributed systems* (Java)
- Undergraduate TA for 11X003 *Formal Languages*
- Undergraduate TA for 12X006 *Systems programming* (Assembly ARM7)

## Work Experience

### POLAR research group – University of Geneva

*Geneva, Switzerland*

Full-time Intern/Visiting student

*Jul 2023 - Oct 2023*

- Trained an ML model for astroparticle physicists at the POLAR research group.
- Built an interactive tool for manual error analysis.
- PyTorch, NumPy, Weights & Biases, Hydra, Jupyter Notebook.