Stéphane **Nguyen**

PHD STUDENT IN WORLD MODELS FOR DECISION MAKING

📱 +41 76 755 57 71 | ✉ stephane.nguyen@unige.ch | 💻 https://github.com/Zenchiyu | 💼 https://www.linkedin.com/in/stéphane-liem-nguyen/

About

I am a PhD student in the Machine Learning Group at the University of Geneva. My advisor is François Fleuret and my research is supported by the Swiss NSF. I am currently working on World Models for Decision Making.

Education

University of Geneva   *Geneva, Switzerland*

PhD candidate in World Models for Decision Making   *Sept 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.