

Cyril Reymond

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Born 11th March 1994 in Lyon



Education

- 2018-2020 **Master degree in Computer Science speciality Artificial Intelligence, Machine Learning, Deep and Reinforcement Learning, Multi-Agent systems.**
Claude Bernard Lyon 1 University, Lyon, France.
- 2018 **Bachelor degree in Science speciality Mathematics and Computer Science.**
Claude Bernard Lyon 1 University, Lyon, France.
- 2013 **High school degree in Science.**
La Martinière Monplaisir High school, Lyon, France.

Work experience

- March–August 2020 **Research Assistant**, Develop a Multi-Agent model called Iterated Belief Revision Games. Research fields of Knowledge Representation and Belief Revision, Inoue Lab. at National Institute of Informatics, Tokyo, Japan.
- May–July 2018 **Java Developer Intern**, Development of a generic interface module for HL7 medical message flows.
2018 Customizable Web Service for processing data of patients, Siloxane, Lyon, France.

Projects

- Deep Learning **OpenAI Environment**, Deep Q-Network algorithms to learn how to play Cartpole and Atari Breakout games, Python.
- Multi-Agent System **AI Checkers**, Spare time project of a Checkers game fully managed by artificial intelligence and using parallel programming, Java.
- Robotics **Sorting Simulation**, Sorting algorithm of various items based on observed ants behavior in a customizable environment, Python.
- Video game **Lego Mindstorms EV3**, Programming autonomous robots for a cooperative maze game, Python.
- Darkastle**, 2D plateformer game designed as oldschool game with handmade pixel art assets, C++ and SDL2.

Skills

- OS Mac, Linux, Windows
- Programming Python, Java, C++, Prolog, Datalog, Scheme, Bash.
- AI Machine Learning, Multi-Agent System, Neural Networks, Deep Learning, Reinforcement Learning
- Database SQL, NoSQL, PL/SQL, MongoDB.
- Versionning Git, Gitlab, CVS, Mercurial
- Mathematics Linear Algebra, Matrix Analysis, Statistics.
- Languages French (native language), English (TOEFL 97 out of 120), Japanese (beginner)

Interests and activities

- Literature Novels, Comics, Poetry
- Cinema Science Fiction, Fantasy, Comedy
- Games Board: Mystery, Cooperation / Videos: Retro-Gaming, Strategy, MMORPG