Arthur Queffelec

AI Researcher

🛈 December 27th 1995

✉ Paris, France

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Languages

French

English

Italian

About me

Passionate about AI, I dedicate part of my free time to personal projects in this field, seeking to deepen my knowledge. Some of these projects lead me to modify my favorite games.

I practice climbing very regularly to disconnect and challenge myself.

Finally, I am a fan of science fiction, this passion fuels my curiosity for technology and AI.

Education

2018 - 2021	**LogicA Team, IRISA, Rennes, France** Doctorate in Computer Science	
2016 - 2018	**UR1, ENS Rennes, Rennes, France** Master's in Computer Science	
2013 - 2016	**UR1, Rennes, France** Bachelor's in Computer Science	
2013	**Laval, France** Engineering Degree	

Professional Experiences

2021 - 2023	**Junior Researcher, NukkAI, Paris, France** Optimization Algorithms, Search, Planning, Strategic Reasoning and E-Learning
2019	**Assistant Professor, UR1, Rennes, France** Object-Oriented Programming

Research Experiences

2018 – 2021	**PhD Student, IRISA** Connected Multi Agent Path Finding	F. Schwarzentruber, O. Sankur
Summer 2018	**Master's Research Student, IRISA** Trade-off Between Robustness and Optimality in Strategic Reasoning	F. Schwarzentruber, O. Sankur
Summer 2017	**Master's Research Student, IPI PAN** Multi-valued Alternating-time Temporal Logic	W. Jamroga, W. Penczek
Summer 2017	**Master's Research Student, IRISA** Distributed Reservation-based Road Planning	E. Anceaume, R. Ludinard
Summer 2016	**Bachelor's Research Student, INRIA** Degree of Diagnosability in Discrete Event Systems	E. Fabre, B. Genest

Publications

January 2023	A. Queffelec, et. al., "*Complexity of Planning for Connected Agents in a Partially Known Environment*", **Theoretical Computer Science**.
August 2021	A. Queffelec, et. al., "*Connected Multi-Agent Path Finding: Generation and Visualization: Demo*", **IJCAI**, Stockholm, Montreal.
April 2021	A. Queffelec, et. al., "*Planning of Connected Agents in Partially Known Environments*", **CAI**, Vancouver, Canada.
October 2020	A. Queffelec, et. al., "*Complexity of Planning for Connected Agents*", **JAAMAS**.
August 2019	A. Queffelec, et. al., "*Reachability and Coverage Planning for Connected Agents*", **IJCAI**, Macao, China.
May 2019	A. Queffelec, et. al., "*Reachability and Coverage Planning for Connected Agents: Extended Abstract*", **AAMAS**, Montreal, Canada.
July 2018	A. Queffelec et. al., "*Generating Plans for Cooperative Connected UAVs: Demo*", **IJCAI**, Stockholm, Sweden.