Arthur Queffelec

PERSONAL DATA

Place and Date of Birth: Lorient, France | 27 December 1995

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EDUCATION

LogicA Team, **IRISA**, Rennes, France

- Ph.D Student in Computer Science — Sep 2018 – Oct 2021

Université de Rennes 1, **École Normale Supérieure de Rennes**, Rennes, France

- Master Degree in Computer Science — Sep 2016 – Jun 2018
  - with honours

Université de Rennes 1, Rennes, France

- Undergraduate Degree in Computer Science — Sep 2013 – Jun 2016
  - rank 12 / 73 with honours

Lycée Immaculée Conception, Laval, France

- High School Diploma in Engineering — Jul 2013
  - with honours

RESEARCH EXPERIENCE

IRISA, Rennes, France

- Ph.D Student — Sep 2018 – Oct 2021
  - Project: Connected Multi-Agent Path Finding
  - Supervisors: Francois Schwarzentruber, Ocan Sankur.

IRISA, Rennes, France

- Master Research Student — Feb 2018 – Jul 2018
  - Project: Trade-off Between Robustness and Optimality in Strategic Reasoning
  - Supervisors: Ocan Sankur, Francois Schwarzentruber.

IPI PAN, Warsaw, Poland

- Master Research Student — Jun 2017 – Aug 2017
  - Project: Multi-valued Alternating-time Temporal Logic
  - Supervisors: Wojciech Jamroga, Wojciech Penczek.

IRISA, Rennes, France

- Master Research Student — Sep 2017 – Dec 2017
  - Project: Distributed Reservation-based Road Planning
  - Supervisors: Emmanuelle Anceaume, Romaric Ludinard.

INRIA Rennes, Rennes, France

- Undergraduate Research Student — Jun 2016 – Aug 2016
  - Project: Degree of Diagnosability in Discrete Event Systems
  - Supervisors: Eric Fabre, Blaise Genest.

CERTIFICATES

TOEIC — Mar 2017

- 955 (L:495; 97^{th} percentile, R:460; 97^{th} percentile)

LANGUAGES

- French : Native language
- English : Fluent (speaking, reading, writing)

SKILLS

- Theoretical Knowledge: Algorithmic, Logic, Strategic Reasoning, Computational Complexity.
- Practical Knowledge: C/C++, Java/Scala, Python, Javascript/Typescript, LaTeX.

PUBLICATIONS

[6] Arthur Queffelec, Ocan Sankur and François Schwarzentruber, "Connected Multi-Agent Path Finding: Generation and Visualization: Demo", *IJCAI*, Stockholm, Montreal, Aug 2021.

[5] Arthur Queffelec, Ocan Sankur and François Schwarzentruber, "Planning of Connected Agents in Partially Known Environments", *CAI*, Vancouver, Canada, Apr 2021.

[4] Tristan Charrier, Arthur Queffelec, Ocan Sankur and François Schwarzentruber, "Complexity of Planning for Connected Agents", *JAAMAS*, Oct 2020.

[3] Tristan Charrier, Arthur Queffelec, Ocan Sankur and François Schwarzentruber, "Reachability and Coverage Planning for Connected Agents", *IJCAI*, Macao, China, Aug 2019.

[2] Tristan Charrier, Arthur Queffelec, Ocan Sankur and François Schwarzentruber, "Reachability and Coverage Planning for Connected Agents: Extended Abstract", *AAMAS*, Montreal, Canada, May 2019.

[1] François Bodin, Tristan Charrier, Arthur Queffelec and François Schwarzentruber, "Generating Plans for Cooperative Connected UAVs: Demo", *IJCAI*, Stockholm, Sweden, Jul 2018.