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RESEARCH INTERESTS

Explainable Artificial Intelligence, Knowledge Representation and Reasoning, Planning, Decision Making with Humans-in-the-loop.

EDUCATION

Ph.D. in COMPUTER SCIENCE, **Washington University in St. Louis**, U.S.A (2018-present)

M.Sc. in ARTIFICIAL INTELLIGENCE, **University of Southampton**, U.K (2016-2017)

M.Sc. in APPLIED MATHEMATICS, **University of Glasgow**, U.K (2015-2016)

B.Sc. in STATISTICS AND ACTUARIAL- FINANCIAL MATHEMATICS, **University of the Aegean**, Greece (2010-2014)

RESEARCH EXPERIENCE

August 2018 - present: Researcher in the YODA Group, Washington University in St. Louis under the supervision of Professor William Yeoh.

May 2017 - September 2017: Researcher at University of Southampton under the supervision of Professor Long Tran-Thanh.

May 2016 - September 2016: Researcher at University of Glasgow under the supervision of Professor Radostin Simitev.

PUBLICATIONS

1. Tran Cao Son, Van Nguyen, **Stylios L. Vasileiou**, and William Yeoh, "Model Reconciliation in Logic Programs", In *JELIA*, 2021.
2. **Stylios L. Vasileiou**, Alessandro Previti, and William Yeoh, "On Exploiting Hitting Sets for Model Reconciliation", In *AAAI*, 2021.
3. **Stylios L. Vasileiou**, William Yeoh, and Tran Cao Son, "On the Relationship Between KR Approaches for Explainable Planning", In *ICAPS Workshop on XAIP*, 2020.
4. Van Nguyen, Tran Cao Son, **Stylios L. Vasileiou**, and William Yeoh, , "Conditional Updates of Logic Programs and its Applications" (Poster Presentation), In *KR*, 2020.
5. Van Nguyen, **Stylios L. Vasileiou**, Tran Cao Son, and William Yeoh, , "Explainable Planning Using Answer Set Programming", In *KR*, 2020.
6. Van Nguyen, **Stylios L. Vasileiou**, Tran Cao Son, and William Yeoh, "Conditional Updates of Answer Set Programming and Its Application in Explainable Planning" (Extended Abstract), IN *AAMAS*, 2020.
7. **Stylios L. Vasileiou**, William Yeoh, and Tran Cao Son, "A Preliminary Logic-based Approach for Explanation Generation", In *ICAPS Workshop on XAIP*, 2019.

SERVICE

ORGANIZING COMMITTEE

- Workshop on eXplainable AI Planning (XAIP) 2021

PROGRAM COMMITTEE

- Workshop on eXplainable AI Planning (XAIP) 2020

CONFERENCE/SYMPOSIUM/WORKSHOP EXTERNAL REVIEWER

- International Conference on Autonomous Agents and Multiagent Systems (AAMAS) 2020

OTHER ACTIVITIES

- We Belong CS@WashU: Talk on *Game Playing AI* Jan. 2020
- We Belong CS@WashU: Member of the organization team Jan. 2020
- Parkway North High School (St. Louis, MO): Workshop on *Introduction to AI* Nov. 25-26 2019