

NIKOLAOS STYLIANOU

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EDUCATION

- Aristotle University of Thessaloniki** 2017 – present
Doctor of Philosophy, Computer Science
- Advisor: Ioannis Vlahavas
- University of Essex** 2014 – 2015
Master of Science, Big Data and Text Analytics
- Thesis: Sentiment Analysis on Social Media — Advisor: Massimo Poessio
- University of Essex** 2011 – 2014
Bachelor of Science, Computer Science
- Thesis: Personalised Search Engine — Advisor: Udo Kruschwitz

EXPERIENCE

Research Experience

Aristotle University of Thessaloniki Apr 2017 – present
Research Assistant, with Ioannis Vlahavas

Academic Experience

Aristotle University of Thessaloniki Apr 2017 – present
Teaching assistant, AI101 Machine Learning, with Ioannis Vlahavas
Teaching assistant, NCO-04-02 Artificial Intelligence, with Ioannis Vlahavas

University of Essex, CSEE Department Sep 2013 – Jul 2014
Peer Mentor

Mentor to first year students of the Computer Science and Electrical Engineering department. Provided general support and guidance to both academic and social aspects.

Industry Experience

Supreme Joint War College Dec 2015 – Aug 2016
Developer and Systems Analyst

Provided analysis and solutions on server infrastructures, developed new means of information sharing for departmental communications within the facility and troubleshooted website hosting issues as well as managed a 300 users basis.

PUBLICATIONS

Peer Reviewed Publications

1. **Stylianou, Nikolaos** and Ioannis Vlahavas. “TransforMED: End-to-End Transformers for Evidence-Based Medicine and Argument Mining in medical literature” *Journal of Biomedical Informatics* 117 (2021): 103767
2. **Stylianou, Nikolaos** and Ioannis Vlahavas. “A Neural Entity Coreference Resolution Review.” *Expert Systems With Applications* 168 (2021): 114466
3. **Stylianou, Nikolaos** and Ioannis Vlahavas, “ET: Entity-Transformers. Coreference augmented Neural Language Model for richer mention representations via Entity-Transformer blocks.” in: *Proceedings of the Third Workshop on Computational Models of Reference, Anaphora and Coreference*, Association for Computational Linguistics, Barcelona, Spain (online). pp. 1–10.

4. **Stylianou, Nikolaos**, Gerasimos Razis, Dimitrios G. Goulis, and Ioannis Vlahavas. “EBM+: Advancing Evidence-Based Medicine via two level automatic identification of Populations, Interventions, Outcomes in medical literature.” *Artificial Intelligence in Medicine* 108 (2020): 101949.
5. Michailidis, Dimitrios, **Nikolaos Stylianou**, and Ioannis Vlahavas. “Real Time Location Based Sentiment Analysis on Twitter: The AirSent System.” *Proceedings of the 10th Hellenic Conference on Artificial Intelligence*. 2018.

OTHER EXPERIENCES

University of Essex, Student's Union

Sep 2012 – Jul 2014

Vice President of Hellenic Society

Organised activities for society members and charity events.

University of Essex, Student's Union

Sep 2012 – Jul 2012

Charity and Fundraising committee member

Part of the committee responsible for organising and running charitable and fundraising events as well as working with the Student Union's volunteering team to provide support to the local community.

AWARDS

Academic

State Scholarships Foundation (IKY) - Graduate Scholarship

2018

Miscellany

Tae Kwon Do: Red Belt

LANGUAGES

Greek: First Language

English: Proficient — IELTS (2011): 7.0