FILANDRIANOS GEORGIOS

Contact

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geofila.github.io

Languages

Greek – Native Speaker
English – Excellent
French - Beginner

Awards

iCSS Doctoral Scholarship

3rd place in [AuTexTification: Automated Text Identification](#) shared task.

1st place [COVID-19 sensor informatics challenge](#).

1st place in Greece on the [Google Hash Code Online Qualification Round](#) scoring: 915,339

Education

CS Ph.D. Candidate (2019-)
- *National Technical University of Athens (**current grade: 10**)*

Master in Electrical and Computer Engineering (2013-2019)
- *National Technical University of Athens*
- ***Grade : 7.82***

Investment Applications Workshop (2017-2018)
- *National and Kapodistrian University of Athens (**grade: 10**)*

Experience

- **01/2022 - 04/2023**: Smarty4Covid project: development of a database and AI algorithms for modeling Covid-19.
- **10/2020 - 12/2021**: Development and updating of the connection platform of the standard terminology regarding the use of ICT in leisure time and the data that will be collected during the research project: «The impact of technological transformations on the digital generation – DigiGen» .Panteion University
- **01/2020 - 10/2020**: Electrical and Computer Engineer - ICCS - Project Name: Apollonis
- **01/2020 - 10/2020:** Develop melodyBot, an online platform that uses 36 different artificial intelligent algorithms for music synthesis in symbolic form.
- **01/2016 - 01/2020:** As an undergraduate student, developed the first prosthetic arm in the world, which can be controlled only with thought and eyes movement. The hand works by several artificial intelligent algorithms for decoding egg signals and signals from cameras and sensors. The development confers both the electromechanical parts and the algorithms' development.

Reviewing Experience

- Guest Editor in Special Issue of Journal of Autonomous Intelligence
- European Chapter of the Association for Computational Linguistics (**EACL**) **- 2023**
- International Conference on Acoustics, Speech and Signal Processing (**ICASP**) **- 2023**
- International Conference on New Interfaces for Musical Expression (**NIME**) **- 2022**

Publication

- **Filandrianos, Giorgos**, et al. "Counterfactuals of Counterfactuals: a back-translation-inspired approach to analyse counterfactual editors." arXiv preprint arXiv:2305.17055 (2023). (**Accepted at Findings of ACL 2023**)

- Dervakos, E., Thomas, K., **Filandrianos, G**., & Stamou, G. (2023). Choose your Data Wisely: A Framework for Semantic Counterfactuals. arXiv preprint arXiv:2305.17667. (**Accepted at IJCAI 2023**).

- Zarkogianni, K., Dervakos, E., **Filandrianos, G**., Ganitidis, T., Gkatzou, V., Sakagianni, A., ... & Nikita, K. S. (2023). The smarty4covid dataset and knowledge base: a framework enabling interpretable analysis of audio signals. arXiv preprint arXiv:2307.05096.

- Symeonaki, Maria, **George Filandrianos**, and Giorgos Stamou. "Visualising key information and communication technologies (ICT) indicators for children and young individuals in Europe." Humanities and Social Sciences Communications 9.1 (2022): 1-12.

- Parsanoglou, D., Mifsud, L., Ayllón, S., Brugarolas, P., **Filandrianos, G**., Hyggen, C., Kazani, A., Lado, S., Symeonaki, M., & Andreassen, K. J.. Combining innovative methodological tools to approach digital transformations in leisure among children and young people. (DigiGen- working paper series No.9), 2022 doi: 10.5281/zenodo.6492015.

- Tsakas, Nikolaos, et al. "An Impartial Transformer for Story Visualization." arXiv preprint arXiv:2301.03563 (2023).

- **Filandrianos, Giorgos,** et al. "Conceptual Edits as Counterfactual Explanations." *AAAI Spring Symposium: MAKE. 2022*.

- Dervakos, Edmund, et al. "Semantic Enrichment of Pretrained Embedding Output for Unsupervised IR." *AAAI Spring Symposium: Combining Machine Learning with Knowledge Engineering*. 2021.

- Dervakos, Edmund, **Giorgos Filandrianos**, and Giorgos Stamou. "Heuristics for Evaluation of AI Generated Music." *2020 25th International Conference on Pattern Recognition (ICPR)*. IEEE, 2021.

- **Filandrianos, Giorgos**, et al. "Brainwaves-driven Effects Automation in Musical Performance."