

Data-driven predictive maintenance and time-series applications

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About the Author

Marios Kefalas was born in Athens, Greece on the 27th of February, 1992, and grew up in the suburb of Glyfada. After graduating from the 5th General High School of Glyfada he studied Mathematics at the National and Kapodistrian University of Athens and successfully completed his 4-year degree in 2015 with concentrations in pure Mathematics. Interested in the intersection between real-world applications (especially biomedical applications) and Mathematics he decided to pursue a master's degree in Bioinformatics, at the Leiden Institute of Advanced Computer Science (LIACS) of Leiden University, The Netherlands, in 2015. He conducted his master's thesis on multiple node immunization on Complex Networks under the supervision of M.T.M. Emmerich and W.Th.F. den Hollander and graduated with a Master of Science degree in 2017. He started his Ph.D. in April 2018 on predictive maintenance optimization in the context of the Cross-industry Predictive Maintenance Optimization Platform (CIMPLO) project in the Natural Computing (NACO) group at LIACS, under the supervision of Prof.dr. Thomas Bäck, Dr. Mitra Baratchi, and Dr. Michael Emmerich. His research interests lie in prognostics and health management, time-series application in industry and health, and data science.