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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.