

CURRICULUM VITAE

of

Andrea Fioravanti

Andrea Fioravanti was born on June 16, 1989 in Ascoli Piceno and currently resides at L'Aquila, Italy, 63100, with a contact number of 3895592721.

- In 2008, he obtained the Secondary School Diploma in Electrotechnics and Automation Engineering.
- He received his Bachelor's Degree in Electrical Engineering in 2013, and Master's Degree in Electrical Engineering at the University of L'Aquila in 2016, graduating with a vote of 110/110 cum laude
- From March to July 2016 he was traineeship at the ESIEE-Amiens, France, focusing on the development and simulation of a back-to-back converter for a six-phase wind generator.
- In the same year, he passed the government exam and licensed as a profession engineer for the Italian Engineering Society.
- From January to April 2017 he collaborated with R13technology, a spin-off of the University of L'Aquila.
- From May 2017 to October 2017, he was a Research Engineer at the Department of Industrial and Information Engineering and Economics of the University of L'Aquila, contributing to the project titled "Definition of methodologies and indices for the analysis of electrical systems resilience.
- From November 2017 to October 2020 he was a Ph.D. student in Industrial Engineering with a scholarship funded by Edison SpA for research on the issue of electrical system resilience
- From January 2021 to April 2022, he held a Research Scholarship at the same department, focusing on techniques for monitoring the resilience of electrical power systems.
- From November 2020 to January 2021, he served as a Laboratory Teacher of electrical and electronic sciences and technologies at the E. Fermi-Sacconi-Ceci Secondary School Institute in Ascoli Piceno (AP)
- In November 2020, he was a Professor covering Installation and Maintenance of Electrical Devices and Electrical Safety at the Higher Technical Institute of Mechanical System in Lanciano (CH)
- From April 2022 to September 2022, he worked with R13technology, contributing to the hardware design and testing of the PFC converter (2 kW) for industrial application.
- From May 2017 to April 2022, he worked as a Teaching Assistant at the Department of Industrial and Information Engineering and Economics of the University of L'Aquila, conducting courses on Electrical Power System, Distribution and Use of Electric Power System, and Smart Grids and Electrical Applications.
- From April 2023 to June 2023, they served as a Professor covering Basics of Electrical Engineering and Electronics as well as Power Electronics at the Higher Technical Institute of Mechanical System in Lanciano (CH)
- From June 2023 to September 2023, they conducted educational activities for the "Power Systems and Technological Innovations" course within the training program for TIM S.p.a, commissioned by Reiss Romoli.
- Since May 2022, they has served as a Lecturer / Research Fellow, primarily focusing on courses such as Electrical Power System and Smart Grids and Electrical Applications.
- Additionally, in January 2024, he engaged in educational activities as part of the "ELECTRIC ENERGY SMART MANAGEMENT" advanced training course under the SITUM project (School of Technological, Humanistic, and Managerial Innovation).
- Since 2018, he has been a member of IEEE-PES and AEIT. During this time, he has served as a reviewer for leading journals and conferences in the field and have also co-authored dozens of publications.