

PERSONAL INFORMATION

Name: Ammar Hodža **Birthdate:** 27. January 1996.

Residence: Ilidža, Sarajevo **Nationality:** Bosnian

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EDUCATION

Feb 2021 – present	<i>PhD in Mechanical Engineering</i> International University of Sarajevo, FENS, ME
Oct 2018 – Sep 2019	<i>MSc in Mechanical Engineering</i> International University of Sarajevo, FENS, ME
Oct 2014 – Jul 2018	<i>BSc in Mechanical Engineering</i> International University of Sarajevo, FENS, ME
Sep 2010 – May 2014	<i>High school</i> Četvrta Gimnazija Ilidža, Mathematical-informatical department

WORK EXPERIENCE

Feb 2023 – present	<i>Senior Assistant</i> International University of Sarajevo
Mar 2021 – Feb 2023	<i>Assistant</i> International University of Sarajevo
Nov 2019 – Mar 2021	<i>LAB technician/teaching assistant</i> International University of Sarajevo
Oct 2018 – Jun 2019	<i>Scholarship assistant</i> International University of Sarajevo
Oct 2017 – Jun 2018	<i>Student demonstrator</i> International University of Sarajevo
Jul 2017 – Sep 2017	<i>CNC programmer and operator</i> ALG d.o.o. Sarajevo

PROJECTS

- Sep 2023 – present *“Exploring the Impact of the Shape, Height, and Mutual Position of Buildings on the Efficiency of Outdoor Ventilation and Air Quality”*; Funded by: Ministry of Education, Science, and Youth of Sarajevo Canton
- Sep 2021 – Dec 2022 *“Dispersion of air pollutants from traffic in conditions of temperature inversion”*; Funded by: Ministry of Education, Science, and Youth of Sarajevo Canton
- Oct 2019 – Oct 2021 *“Modeling Educational Robot”*; Co-funded by: ERASMUS+ Programme of the European Union

WORKSHOPS

- Aug 2021 Short-term joint training of staff within the project *“Modeling Educational Robot”*; AIJU Technological Institute for Children’s Products and Leisure, Ibi, Spain
- May 2019 – Oct 2018 CFD Workshop within the UNDP project *“Dijaspورا za BiH”*; International University of Sarajevo, Sarajevo, Bosnia and Herzegovina

CONFERENCES and MEETINGS

- Sep 2023 Speaker at *ICHMT 10th International Symposium on Turbulence, Heat and Mass Transfer*; Sapienza University of Rome, Rome, Italy
- Feb 2023 Speaker at the *1st Meetings of the Youth Researchers*; Academy of Sciences and Arts of Bosnia and Herzegovina, Sarajevo, Bosnia and Herzegovina

PAPERS

- 2023 *Modeling urban canopy with object-based porosity model*, M. Hadziabdic, A. Hodza, B. Niceno, 2023, *ICHMT 10th International Symposium on Turbulence, Heat and Mass Transfer*
- 2021 *Reynolds horizontal and vertical test bench from an educational point of view*, A. Khechekhouche, M. Ghodbane, I. Kemerchou, A. Hodza, A. Sadoun; 2021, *Indonesian Journal of Educational Research and Technology*, 1 (3), 81-86.