

Marija Stipić

CFD Developer

 marija.stipic@avl.com

EDUCATION

- 03/2020 - **PhD candidate at Technische Universität München.** Munich, Germany. External student.
- 03/2018 - 12/2020 **MSc in Mechanical Engineering,** Faculty of Mechanical Engineering and Naval Architecture, Zagreb, Croatia.
- 10/2014 - 02/2018 **BSc in Mechanical Engineering,** Faculty of Mechanical Engineering and Naval Architecture, Zagreb, Croatia.

EXPERIENCE

- 03/2020 - **Software Developer Engineer,** AVL, Graz, Austria.
Member of the developers team for the CFD solver FIRE.
- 06/2018 - 08/2018 **Internship at EZ Engineering,** Zadar, Croatia.
Division: Construction of automatic robotic lines.
- 07/2017 - 09/2017 **Internship at Siemens AG,** Hamburg, Germany.
Division: Wind Power and Renewables.
- 06/2016 - 10/2016 **Internship at BMW AG,** Munich, Germany.
Division: Thermal Energy Converters, ICE.

ADDITIONAL QUALIFICATION

- Languages Croatian (native), English (Advanced - C1), German (Advanced - C1)
- Computer skills MATLAB, CATIA V5, MS Office, Visual Basic, SolidWorks, BASH, LATEX

EXTRACURRICULAR INVOLVEMENT

- Rower
- Mountaineering: active member of the Hiking and Climbing club

AWARDS

- Medal of Excellence of the Faculty of Mechanical Engineering
- Best paper award at 2020 2nd Latin American SDEWES Conference
Title: "Numerical Modelling of Multiphase Reactive Processes and Pollutant Formation Using FGM Approach and CFM combustion model"