

Academic Curriculum

Felipe Silva Maffei

Phones: +55 (11) 98662-0280 (cell phone) +55 (11) 4148-4339 (home phone)

E-mail: fsilvamaffei@gmail.com

Academic qualification:

- Bachelor's Degree in mechanical engineering, Mackenzie Presbyterian University (2018)
 - Attending master's degree in mechanical engineering of fluids and energy at University of São Paulo (expected conclusion: 2021)
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language skills:

- intermediary english
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Software skills:

- C++, Matlab and Simulink programming language;
 - Modelling and simulation of fluid flows using Ansys CFX;
 - Mesh generation using ICEM CFD; and
 - CAD softwares: Inventor, SolidWorks and AutoCad;
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Experiences:

- Research assistant (PIBIC) – “Numerical study of the feasibility of adopting end-plate and gurney flap in the front aerofoil of a formula-type competition vehicle”;
- Published paper, as co-author, at 10th ABCM Spring School on Transition and Turbulence - “Qualitative modelling of a parallel flow “; and
- Research at the project: “ Automation of oxid-graphene production for use in composites applied to the civil construction sector”.