

Mojtaba Moradli

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ResearchGate: researchgate.net/profile/Mojtaba-Moradli

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Research Interest

- Space Systems Engineering
- Solid Mechanics
- Fluid Mechanics

Education

M.Sc. Space Systems Engineering **2020-Present**

- Faculty of New Science and Technology, University of Tehran (UT)

B.Eng. Aerospace Engineering **2016-2020**

- Science and Research Branch of Azad University (SRBIAU), Tehran, Iran

English Language **2016**

- Academic Center for Education, Culture and Research(ACECR), Alborz, Iran - Academic Certificate for Completion of the IELTS Preparation Course
- Academic Center for Education, Culture and Research(ACECR), Alborz, Iran - Academic Certificate for Completion of the English Language Course for Adult

Lab Experiences

Fuzzy Logic Lab **2021-Present**

- University of Tehran (UT)

Publications

Sharif Aria, Novel

- <http://opac.nlai.ir/opac-prod/bibliographic/4397602>

Skills & Abilities

Soft Skills

- Time Management
- Project Management, Teamwork

Programming

- MATLAB, Python

CAD/CAM

- CATIA

CAE

- ANSYS Fluent, ANSYS Structural

Academic Projects

Numerical Investigation on Pressure Distribution of Lower Surface of Supercritical Airfoil SC-0410

- Science and Research Branch of Azad University (SRBIAU)
 - Supervisor: Alireza Davari, Ph.D.

Conceptual Design of a 10 Seater Twin Engine Propeller Driven Airplane

- Science and Research Branch of Azad University (SRBIAU)
 - Supervisor: Farshad Pazooki, Ph.D.

Preliminary Design(Aerodynamics) of a 10 Seater Twin Engine Propeller Driven Airplane, Airfoil Selection and Pressure Distribution Analysis

- Science and Research Branch of Azad University (SRBIAU)
 - Supervisor: Farshad Pazooki, Ph.D.

CFD-based Analysis of Non-Premixed Combustion of Methane with k-epsilon Viscous Model

- Science and Research Branch of Azad University (SRBIAU)
 - Supervisor: Hossein Mahdavy Moghaddam, Ph.D.

Modal, Random Vibration and Harmonic Vibration Analysis of Simplified TESS Solar Panels and Investigation of Sources of Loads and Vibrations that a Spacecraft Encounter During Its Life Phases

- University of Tehran (UT)
 - Supervisor: M.H. Sabour, Ph.D.

Conceptual Design of An Autonomously Controlled Mars Helicopter(ACMH)

- University of Tehran (UT)
 - Supervisor: M.H. Sabour, Ph.D.

Teaching Experience

English Language

2016-2018

- Teaching English to high school students

Work Experience

Translator

2016-Present

- Translating academic papers
- Freelance