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| **Ado Farsi,** Ph.D.  COMPUTATIONAL MECHANICS SCIENTIST  **/ FEA & MATERIALS ENGINEER** EXPERIENCE **FINITE ELEMENT ANALYSIS** | **MATERIAL CHARACTERISATION**  Engineering analysis | Validation of numerical models | Fracture dynamic and failure simulations | Digital image correlation and tracking methods | Static and dynamic testing | **CONTACTS**   * {{personal\_website}} * {{email\_address}} * {{mobile\_phone}}‬‬‬ * {{home\_address}} * {{github\_link}}   {{linkedin\_link}}  **SUMMARY**  {{bio}}  **FINITE ELEMENT ANALYSIS SKILLS**  **AREAS OF EXPERTISE**   * Static/dynamic stress and failure * Model validation / verification * Multibody / contact interactions * Fracture mechanics * Thermomechanical analysis * Plasticity and damage * Poroelasticity * Modal analysis * Fluid mechanics * Meshing complex geometries   **SOFTWARE**   * ABAQUS * MATLAB * ANSYS * COMSOL * FEniCS / Firedrake * Solidity |