

---

# GEORGIOS ZAVERDINOS

---



grg.zav@gmail.com



+30 6999290737

---

## SKILLS

---

Effective, excellent communication skills, quick adaptation to demanding tasks

---

## SOFTWARE SKILLS

---

- **Programming languages:** MATLAB, SQL, HTML, CSS, Javascript, FORTRAN, C#, LINUX COMMANDS
  - **Engineering Software:** ANSYS (expert), COMSOL, ABAQUS, SOLIDWORKS, SIMULINK
  - **Mathematic Tools:** MAPLE, MATHEMATICA, MATHCAD, MATLAB, SPSS, MINITAB
  - **HPC** applications
- 

## HIGHLIGHTS

---

Good knowledge of Fracture Mechanics, Continuum Mechanics, Finite Elements, Strength of Materials, Composites, IoT applications, Cyber Physical Systems and Model-Based design  
Participated in 2 FSAE engineering design finals

Presenting author at NAFEMS 2021 World Congress.

Member of the Technical Chamber of Greece

---

## EXPERIENCE

---

### STRUCTURAL ANALYST - CTO

**2024-2020**, DELTA MPIS, Lefkippos Attica Technology Park – NCSR Demokritos. Responsibilities: FEA, CAD, Optimization of Structures, Model-Based Design

### RESEARCHER

**2021-2019**, Structural Simulation Analyst, Material Science Lab, National Technical University of Athens

### INTERN

**2018/10**, Q/A Lab, of pharmaceutical industry VIANEX, Athens Greece

### TRAINEE

**2017/06**, Q/A Lab of lubricant industry ELDON's, Aspropirgos Greece

---

## EDUCATION

---

### PhD Candidate, 2023 -

#### Civil Engineering

National Technical University of Athens

**Subject:** Design of Digital Twin for Structural Health Monitoring

### MASTER OF SCIENCE, 2019-2021

#### Computational Mechanics

National Technical University of Athens

**Thesis:** Computational Study of temperature dependent Fiber/Matrix Interfacial Fracture in CFRPs – GPA 8.19

### MASTER OF ENGINEERING, 2014-2019

School of Chemical Engineering,

National Technical University of Athens

**Thesis:** Computational study with the method of finite elements aiming at strength and stiffness determination of CFRP Formula SAE Racecar wishbones – GPA 7.56

### High school graduate, 2011-2014

Nea Erythra Public High School, GPA 19.5/20

---

**Languages:** English C2, German B1, Greek (Native)

---

## VOLUNTEERING EXPERIENCE

---

**2017 – 2020**, PROM RACING (Formula Student), **Composite design**, NTUA, Athens (Awards in FS Austria, FS East and FS Germany).