

# KONSTANTINOS TZEIRANIDIS

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## **EDUCATION**

- **MSc IN CIVIL ENGINEERING – STRUCTURAL ANALYSIS AND EARTHQUAKE ENGINEERING, UNIVERSITY OF CYPRUS**
- **BSc IN CIVIL AND ENVIROMENTAL ENGINEERING, UNIVERSITY OF CYPRUS.**

Thesis: Capstone Design Project.

Thesis purpose and objectives: Effective practice of the Civil Engineering profession, familiarization with Eurocodes and decision-making methodologies at construction level. Identifying differences in final cost and structural behavior among different structural configurations.

## **ACADEMIC DISTINCTIONS**

- Most Economical Construction Award of the student competition: Building the Future. Academic Year 2021-2022.
- First place in the Thesis competition Capstone Design Project. Academic Year 2021-2022.

## **TEACHING EXPERIENCE**

### **University of Cyprus**

Teaching Assistant

Department of Civil and Environmental Engineering

- |   |                                   |
|---|-----------------------------------|
| • CEE 220 - Structural Analysis II              | Sept.23 - Dec.23 & Sept.24-Dec.24 |
| • CEE 221 - Matrix Structural Analysis          | Jan.24 - May.24                   |
| • CEE 353 - Foundation Engineering              | Jan.24 - May.24 & Jan.25 - May.25 |
| • CEE 233 – Construction Materials – Laboratory | Jan.25 - May.25                   |

## **SKILLS**

- |  |  |
|--|--|
| • MATLAB                                     | • AutoCAD  |
| • Microsoft Office (Word, Excel, PowerPoint) | • Languages: Greek (native), English (IELTS 7.5 Overall) |
| • GT STRUDL                                  | • ETABS  |
| • SAP-2000                                   | • 3DR STRAD 2020   |
| • TOA – PAΦ                                  | • Microsoft Project                                      |
| • Smart Lt                                   | • Fespa & Tekton   |
| • Framework                                  | • C++  |
| • LS Prepost                                 | • Python   |
| • FEMultiPhys                                | • Java   |

## **WORK EXPERIENCE**

- **MAY 2022 – DECEMBER 2025**

### **P.ENG. SERVICES**

Structural Engineer

Conducted and supervised several civil studies, mostly of concrete and couple of steel structures, mainly apartment buildings using Fespa & Tekton, TOA – PAΦ, Etabs and SAP2000. Preparation of structural drawings.

- **JANUARY 2025 -**

### **A.F. MODINOS & S.A. VRAHIMIS**

Structural Engineer