

Georgios Lychoudis

Civil Engineering Student - Structural Engineering

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PROFILE

Fourth-year Civil Engineering student (Structural Engineering) at the University of West Attica, with a solid background in design and structural analysis software (AutoCAD, Revit, Robot Structural Analysis). I am looking for a job opportunity at a construction company or design office, as well as in surveying studies and works, in order to apply my technical knowledge to real projects. I am characterised by discipline, consistency and teamwork - values I have cultivated through sports, scouting and volunteering.

EDUCATION

Civil Engineering - Structural Engineering

University of West Attica (UNIWA)

4th year · Expected graduation 2028-2029

Grade average: above 7 / 10 (Very Good)

TECHNICAL SKILLS

Design & Modelling (BIM/CAD)

AutoCAD AutoLISP - Custom Commands (.lsp) Revit 2D Drawings 3D Modelling

Structural Analysis

Robot Structural Analysis

Surveying Instruments

Total Station Levelling Instrument

Programming & Computational Tools

C++ MATLAB App Development Web Development

Productivity & Digital Media

MS Word MS Excel MS PowerPoint Adobe Photoshop Adobe Premiere Pro Adobe Lightroom Adobe Audition

Other Skills

Artificial Intelligence (AI) Basic electrical knowledge Advanced PC Hardware (assembly/upgrades) Advanced PC Software

SEMINARS & TRAINING

- Concrete & Construction seminar · University of West Attica (UNIWA), 2026
- Expert Witness seminar - road traffic accident analysis · IEK ALFA, 2024
- Architecture seminar · IEK ALFA, 2024
- Interior House Design seminar - residential interior design · IEK ALFA, 2024

PROJECTS & COURSEWORK

Full drawings, design reports and demonstration videos for every project are available at [lychoudis.com](#)

- Team study of a 4-storey building with bridge - complete study from the structural system (sizing & load analysis: dead/live/snow/wind/seismic) through to site organisation, cost estimation & scheduling. · Robot Structural Analysis, AutoCAD & analytical calculations · 3rd year
- Geometric road design on irregular terrain - complete alignment from point A to point B: grade line, circular arcs to the OMOE-X guidelines, analytical traverse calculations, chainage with cross sections every 20 m, vertical curve, vertical alignment and superelevation diagram. · AutoCAD, Excel calculations · 3rd year
- Topographic survey of a building - team survey of a large building on the University of West Attica campus, using a total station and a levelling instrument. · 2nd year
- Urban planning study of public spaces - central Glyfada (Marangou street) - field research analysing land uses, building regulations & land values, with official data obtained from the Municipality's Building Authority. · 3rd year
- Custom AutoLISP tools for AutoCAD - development of personal custom commands automating repetitive drafting tasks: finding similar shapes, selection by layer, break at all intersections and more, with substantial time savings.

ADDITIONAL INFORMATION

- Holder of a category B driving licence - able to travel / visit construction sites

LANGUAGES

Greek	Native
English	B2 - Good knowledge
French	A2 - Basic knowledge

SPORTS

- Martial Arts (10+ years)
Taekwondo, Hapkido, Katana, Bo staff, Nunchaku
- Marathon runner (10+ years)
- Gym

MUSIC

- Classical guitar (8 years)
- Electric guitar (6 years)
- Ukulele

VOLUNTEERING

- Scouting (10 years)
- Volunteer blood donor
- Participation in reforestation
- Caring for stray animals in the neighbourhood (many years)

INTERESTS

- App development
- Artificial intelligence & new technologies
- Photography & video editing
- Cooking
- Video games