



# KONSTANTINOS TAGARAS

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## WORK EXPERIENCE

01/12/2021 – 31/10/2022 THESSALONIKI, Greece

**APPLICATION DEVELOPER** NEXTGROWTH NOVELTY CORPORATION (NGNC) | THESSALONIKI

- Developed **VR** applications to enhance the teaching of medical students, in **Unity**
- Developed **mobile AR** applications for teaching medical students, and enhancing language skills for children with special needs, in **Unity**
- Used **Git** and **GitHub** for **version control**
- Implemented **multiplayer** functionality into **VR** games in **Unity**

01/11/2022 – CURRENT THESSALONIKI, Greece

**APPLICATION DEVELOPER** AUTH MEDICAL PHYSICS & DIGITAL INNOVATION LAB | THESSALONIKI

- Designed applications with robust **design patterns** and **S.O.L.I.D.** principles
- Developed **mobile AR** applications for teaching medical students in **Unity**, utilizing **Vuforia SDK**
- Developed **VR** applications to enhance the teaching of medical students, in **Unity**, utilizing the **VR Interaction Framework**
- Developed an **MR** application where users interact with avatars, leveraging **ROS** data for muscle rehabilitation, utilizing **MRTK SDK**
- Implemented **RESTful** backend services for seamless communication
- Actively contributed to projects like [H.E.R.O.E.S.](#) and [E.N.T.I.C.E.](#)

## EDUCATION AND TRAINING

01/09/2017 – 28/09/2022 THESSALONIKI, Greece

**BACHELOR IN AUTOMATION ENGINEERING** International Hellenic University (IHU)

**Level in EQF** EQF level 6

## LANGUAGE SKILLS

Mother tongue(s): **GREEK**

Other language(s):

|                | UNDERSTANDING |         | SPEAKING          |                    | WRITING |
|----------------|---------------|---------|-------------------|--------------------|---------|
|                | Listening     | Reading | Spoken production | Spoken interaction |         |
| <b>ENGLISH</b> | C2            | C2      | B2                | B2                 | C2      |

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## DIGITAL SKILLS

Git | VR | AR | MR | Version Control | RESTful API | C#