

# Curriculum Vitae

## Personal Information

Surname/Name **Albanis Georgios**

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State e-mail address giorgos\_al10@hotmail.com

Citizenship Greek

Date of birth 16/08/1989

Gender Male

## Research Work Experience

March 2018-Present: Research Associate in CERTH,ITI,Thessaloniki Greece

Projects ATLANTIS

Participation in all technical work packages  
Development of deep-learning methods for 3d scene reconstruction

FASTER

Participation in all technical work packages  
Development of deep-learning methods for drone pose estimation

Factory2Fit

Participation in all the technical work packages  
Development of adaptation algorithms and AR applications

## Education and Skills

December 2015 Diploma in Electrical and Computer Engineering  
Diploma Thesis "Debugging and evaluation of a residential electrical monitor based on Arduino Yún"  
Department of Electrical Engineering, Faculty of Engineering  
Aristotle University of Thessaloniki

Mother Tongue Greek

Other Languages English B2, German B1

Communication Skills Very good communication with colleagues, superiors and subordinates.  
Ability to deliver results within time constraints.  
Working experience in multicultural environments.

Driving License Yes

## Publications

H.Yuan, R.Veltkamp,**G.Albanis**, N.Zioulis, D.Zarpalas, P.Daras, "SHREC 2020 benchmark: 6D object pose estimation". Accepted in 3DOR'20.

**G.Albanis\***, N.Zioulis\*, A.Dimou, D.Zarpalas, P.Daras, "Dronepose: Photorealistic uav-assistant dataset generation for known object 3d pose estimation". Accepted in ECCV 2020 Workshop.

K.Konstantoudakis, **G. Albanis**, E.Christakis, N.Zioulis, A.Dimou, D.Zarpalas, P.Daras, "Single-handed gesture UAV control for first responders - a usability and performance user study". Accepted for publication in ISCRAM 2020.

S. Zikos, **G. Albanis**, M. Tsourma, A. Drosou, D. Zarpalas, P. Daras, D. Tzovaras, "Human-centred Factories from Theory to Industrial Practice. Lessons Learned and Recommendations.", ACE Factories Cluster White Paper, October 2019.

M. Tsourma, S. Zikos., **G. Albanis.**, K.C. Apostolakis, E. Lithoxoidou., A. Drosou, D. Zarpalas, P. Daras, D. Tzovaras (2019). Gamification concepts for leveraging knowledge sharing in Industry 4.0. *International Journal of Serious Games*, 6(2), 75-87

**G. Albanis**, K. Apostolakis, C. Öztürk, D. Zarpalas, P. Daras, "Adaptive web-based tools for capability-driven workforce management and task", International Conference on Industrial Internet of Things and Smart Manufacturing (IoTsm 2018), London, UK, 5-6 Sep. 2018.

## Other Work Experience

January 2017-March 2018 Project Engineer in Noriker Power LTD, Cheltenham UK  
September 2016 – December 2016 Internship in TenCool LTD, as junior electrical engineer  
February 2016 – September 2016 Network Administrator and Technical support during military service in 71<sup>st</sup> Airborne Brigade  
August 2010 – November 2010 Part time job as telephone assistant in OTE S.A.

## Computer Skills

Deep learning frameworks PyTorch, Keras  
Game Engines Unity 3D  
Programming knowledge C++, C, C#, Python  
Web frameworks Django, Flask  
Designing knowledge AutoCAD

## Others

Deep Learning specialization by deeplearning.ai on Coursera. Courses completed in May 2018.

Developed real-time control systems for first of a kind Fast Frequency Response projects in the UK. (20MW-7MW-8-MW-15MW)

Designed and developed a web portal application (Python Django-html-css-javascript-MySQL) in order to analyze and visualise data from power plants.

Successfully attended a 30 hours workshop organized by HEPIS(Hellenic Professionals Informatics Society) about Html, css and JavaScript.

Participated in HELBROC MILEX 2016(Technical Support) during military service.

Successfully attended the "basic ANSA & μETA users course" that took place from 5th until 9th October 2015 on the premises of BETA CAE Systems S.A in Thessaloniki.

Developed a Machine Learning project, for predicting outcomes of football matches.

