

CV

Nikolaos Pappas

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Memberships

Technical Chamber of Greece (TEE)
Steel Structure Research Society (EEME)

Education/Formation

2015 - 2016	MEng in Computer Science /University of Bristol/ Provisional Average: 74% (1st) Thesis: "Mammography Interpretation Tool Using Convolutional Neural Networks"
2007 - 2014	BEng, MEng in Structural Civil Engineering /Democritus University of Thrace Thesis: "Experimental Validation of the Behaviour of Bolted Moment RBS Connection Subjected to Cyclic Load" / Thesis Mark: 10/10 / General Average: 7.07/10 The project included finite element analysis simulation and a 1:1 scale experiment
March - June 2013	Internship in "GTE", a company based in Madrid / Dynamic calculation of steel structures and research on 3D folding truss structures using ABAQUS/CAE
February - July 2012	Erasmus in University of Granada, Spain Escuela Tecnica Superior de Ingenieria de Edificacion
2001 - 2007	American College Anatolia High School Various courses taught in English , among others Computer Science and Arts

Projects

May-June 2016	Assisted to the annotation of motion tracking experiment of the UoB
April 2015	Database implementation in a real School Forum web site with SQL/JDBC
2015 - 2016	Various applications with C and Java including games, Image/Video processing , object recognition, assisted by the use of libraries, such as OpenCV and SDL

IT Skills

Productivity	Microsoft/Open/Libre Office suites (Expert use of word processing, spreadsheet and presentation), Adobe Photoshop, InDesign, Inkscape (intermediate)
Engineering	Autodesk [Robot Structural Analysis, AutoCad (2008/2012/2015), Inventor Pro 2014, Revit Structural Detailing], Simulink [Abaqus CAE (6.10), Matlab (6, R2014a)], SAP2000, Risa3D (8.1.3)
Rendering	Blender, Google Sketch-Up, Artlantis , Adobe Premiere CS6
Programing	C, Java, Javascript, MATLAB, OpenCV(on C++ and Java), SQL (Expert), Html, CSS, Latex , Python (Intermediate), Fortran (Novice)
Other Skills	Convolutional Neural Network design (Caffe), Motion tracking (Vicon Nexus 2.3)

Linguistic Skills

English	Fluent	Certificate of Proficiency in English, Michigan University (C2) IELTS (Band 8)
Spanish	Fluent	Greek National Foreign Language Exam System (B2) Practised speaking in Spain including in a company and at university
German	Basics	Certificate of Intermediate in German , (B2) Goethe Institut (Zertifikat Deutsch)
Greek	Native	

Organisational/Social Skills

2016	Electrician assistant, installing CCTV cameras and electrical circuits.
2015	Barkeeping in the "Hole in the Wall", responsible to maintain the bar fully equipped.
2008-2010	Waiting tables and barkeeping in the locally successful Cafe-Bar Ntili Ntili, meanwhile, I hosted a weekly Radio Show , in the student radio station RAdio Underground.
2003-2006	Acted in the School's "Theatre Club" annual performances
July 2006	Teamed up with other students to represent Cyprus, in a mock negotiation at the Conflict resolution laboratory "Coexistence and Diversity Matters" in Cyprus.
2003-2006	Leader in the YMCA summercamps, responsible for kids with ages from 8 to 14

References - *Contact information provided upon request*

Professor at D.U.TH	Dr Christos Kalfas	Professor at U.o.B	Dr Tilo Burghardt
Project Supervisor GTE	David Arribas Serrano	Work supervisor	Dimitris Mitafidis