

**Eleni Vasiliki Alexi** (born in Larisa, 1996) is an architect with work experience in the UK, Greece, Cyprus, and Switzerland. She earned her Integrated Bachelor's and Master's Degrees in Architecture from Aristotle University of Thessaloniki in 2020, achieving the highest standing in her graduating year. In 2018, she collaborated with Gramazio&Kohler Research (ETH) as an Engineering Assistant in the construction of the largest architectural project entirely assembled on-site using an augmented reality (AR) fabrication interface. In 2022, Eleni continued her studies at ETH, pursuing a Master of Advanced Studies in Architecture and Digital Fabrication, with her thesis focusing on human-machine (robots) collaboration in digital fabrication processes. Her post-graduate studies were funded by scholarships from the Alexander S. Onassis Public Benefit Foundation, HELLENiQ ENERGY Holdings S.A, and SYN-ENOSIS. Moreover, she has participated in several competitions. The proposal she co-designed for the international architectural competition for the Student Hall of CUT in Limassol, Cyprus, was awarded an honorable mention and was shortlisted in the "Best project" category at the Greek Architecture Awards 2023. She has presented her work in exhibitions and conferences, such as the Future of Construction Symposium 2023. Eleni was also part of the organizing team for ECOWEEK's international conferences in Tilburg, the Netherlands (2017) and in Thessaloniki, Greece (2016 and 2017). Since 2015, she has participated in numerous national and international workshops, such as " *The Aristotle Axis by Ernest Hébrard | From vision to implementation*" and "*Akalyptos SKG*", the results of which were exhibited in the Greek Pavilion at the 17th and 15th Architecture Biennale of Venice, respectively.

# ELENI VASILIKI ALEXI

MAS DFAB ETH | MArch AUTH

Registered Architect TCG - Technical Chamber of Greece

**Date of Birth** 22 August 1996

**Nationality** Greek

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## EDUCATION

### MAS in Architecture & Digital Fabrication, ETH

09.2022 – 09.2023

Projects: "Investigating flexible systems for openings in impact printed structures"

"Prōtōplasto - An Investigation of Hollow Core 3D printed columns & purposed-made joints for space frames"

Thesis: CAA -Collaborative Augmented Assembly - Augmented reality for on-site collaborative robotic fabrication

### Integrated Master of Architecture, AUTH

09.2014– 07.2020

**Summa cum laude & 1<sup>st</sup> Graduate in Class of 2020** | GPA: 9.58/10 | University Grade Entrance: 19.5/20 | Entered 5<sup>th</sup> / 125

Dissertation: "Craftsman - Tool - Material" An investigation of their relations through the shaping of clay. 10/10

Design Thesis: "Student housing in Veregaria, Limassol" 10/10

### 5<sup>th</sup> Lyceum of Larissa

2011 – 2014

Graduate with Grade: 19.8/20 | Orientation Group: Technology, Cycle: Informatics and Services

Participation in **EUROSCOLA Day** as member of the Greek debating team in "Environment and renewable energy" committee in European Parliament in Strasbourg

## PROFESSIONAL EXPERIENCE

### NYDE Studio | Edinburgh, UK -Remote

11.2020 – 09.2022

Working as **Architectural Designer**. Key projects:

**New Center of PA.SY.KAF** | Nicosia, Cyprus

Competition entry

Featured on [Archisearch](#) (29.12.2021)

Designed a 3000m<sup>2</sup> complex for the New Center of the Cyprus Association of Cancer Patients and Friends (PA.SY.KAF), taking into consideration the visitors' needs and aiming to strengthen their connection with the nature and the existing adjacent olive grove.

**Farmhouse Huts** | Oxfordshire, UK

Construction of 20 Conical Huts for a rural Resort. Preparing the construction details drawings and subsequent adjustments based on the design, the consultants' feedback and the materials selection.

**Lodge & a Boat House in a NATURA 2000 protected island** | Scottish Highlands, UK

Working on the concept stage of a remote residence. Preparing feasibility study, drafting various drawings, creating presentational renderings, making 3D models and subsequent adjustments based on both client and principal feedback.

**Victorian Apartment Refurbishment** | Edinburgh, UK

Preparing the drawings for the building warrant application (architectural & electrical plans, architectural schedules, interior elevations and tender package.

**Family Residence** | Nicosia, Cyprus

Preparing alternations for a 300sqm. house based on the local regulations, clients' needs and energy performance efficiency.

### Freelancer Architect

07.2020 -10.2020

**Summer Residence and Apartment Refurbishment** | Katerini & Elassona, Greece

**Completion of a boutique Hotel** | Neoi Poroi, Greece

As a member of Nikos Hapitas Design team, responsible for the concept design & implementation of rooms, the ID of all exterior building & interior spaces.

**New Student Hall of CUT** | Limassol, Cyprus

**Honorable Mention** | Competition

Partners: Christodoulou Marilena, Shiamaris Angelos, Pasli Elissavet | Featured on [Archisearch](#) (03.10.2020)

Designed a student housing complex of 27.000m<sup>2</sup> for 500 students. Researched local restrictions and regulations, analyzed the financial cost to meet the €40 million budget and prepared a detailed cost breakdown. Demonstrated compliance with environmental, sustainability and energy performance requirements.

**Augmented Bricklaying** | Kitros, Greece 10-12.2019

Driven by Gramazio Kohler Research, ETH

Worked as **Engineer Assistant** in the construction of the largest architectural project entirely assembled on-site with an augmented reality fabrication interface. Leading a team of two bricklayers and using an interactive visualization system, guiding them for the mortar and brick placement.

**Burckhardt+Partner AG** | Zurich, Switzerland 07.2018 – 02.2019

Participated in big scale projects, such as residential developments and the refurbishment of a Hospital, and competitions as an intern. Constant support with material researches, working drawings 3D modelling, model making, graphic representation and design. Extensive use of Adobe Suite for brochure compilation, functional areas and room layouts' diagrams. Key projects:

*Residential development in Richterswil* | Construction (W. Schmid AG)

*Refurbishment and expansion of GZO Hospital in Wetzikon* | Construction and preliminary (GZO AG)

*Residential development in Hohfurren Mönchaltorf* | Preliminary (Heinrich Brennwald)

*ETH HRZ / Data Centre* | Competition (ETH Zurich)

*Refurbishment of the second floor, B+P office* | (Burckhardt+Partner AG)

**The Rural Housing Studio** | Mt. Elgon, Kenya 09.2017 – 01.2018

A PhD Research by Michiel Smits (TU Delft & Avans) with the scope to investigate alternative low-cost building techniques in rural Kenya and capacity development. Built and coordinated the website. Responsible for weekly updates, newsletters and articles.

## HONOURS AND AWARDS

**Alexander S. Onassis Public Benefit Foundation Scholarship** 2022-2023

For postgraduate studies ( MAS in Architecture & Digital Fabrication ) at ETH Zurich, Switzerland

**Helleniq Energy Holdings SA Scholarship** 2022-2023

For postgraduate studies ( MAS in Architecture & Digital Fabrication ) at ETH Zurich, Switzerland

**Synenosis Foundation Scholarship** 2022-2023

For postgraduate studies ( MAS in Architecture & Digital Fabrication ) at ETH Zurich, Switzerland

**Shortlisted for "Best Project" at the Greek Architecture Awards 2023** by DOMa 05.07.2023

*New Student Hall of CUT* | Limassol, Cyprus

Partners: Christodoulou Marilena, Shiamaris Angelos, Pasli Elissavet

Jury: Manuel Aires Mateus. Emanuel Christ & Christoph Gantenbein, Dikkie Scipio

**Honorable Mention** 03.09.2020

One-stage Architectural Competition for the construction of the new student Hall of CUT ( Cyprus University of Technology )

*New Student Hall of CUT* | Limassol, Cyprus

Partners: Christodoulou Marilena, Shiamaris Angelos, Pasli Elissavet

**First Prize** 02.03.2017

Student Competition for the Reuse of the stables of Camp Pavlos Melas

Partners: Vatali Anna, Oikonomou Eleutherios, Shiamaris Angelos | Featured on [CY ARCH](#) (17.03.2017) and [TKM-TEE](#) (16.03. 2017)

The architectural project "**INSIDE THE BOX**" in the Design Studio with the subject: «Restoration and reuse of the stables of Camp Pavlos Melas» was distinguished among 10 selected student projects and received the first prize, by a committee composed of representatives of institutions and distinguished architects .

**Eurobank Award of Excellence** 2014

Honor Graduate - First Achievement Grade in the national university entrance examinations for 5<sup>th</sup> Lyceum of Larissa 2014

**Commendation from the Panhellenic Association of Sarakatsanoi** 2015

Achievement Grade in the national university entrance examinations

## SELECTED WORKSHOPS

**ARISTOTELOUS- HEBRARD. FROM VISION TO IMPLEMENTATION** | Thessaloniki, Greece 09.2018- 07.2020

Worked on the in-situ recognition of the site, and the two and three-dimensional illustrations of the original plan in order to represent the overall plan for the first time. Organized by the School of Architecture AUTH, the Municipality of Thessaloniki and the Thessaloniki History Center. Part of the [Greek Pavilion](#) in the 17<sup>th</sup> Architecture Biennale of Venice, with the title: "BOULEVARD DE LA SOCIETE DES NATIONS" A.K.A THE ARISTOTLE AXIS IN THESSALONIKI.

<b>Hermoupolis Workshop   Syros, Greece</b>	<b>08.2019</b>
"Reuse of inactive shells and spaces of the Industrial Zone of Ermoupolis". Organized by Nikolaos - Ion Terzoglou, NTUA. Took place under the auspices of Hellenic Architectural Society, the Syros Institute, the Cyclades Workers' Center, the Syros Neorion, the Ermoupolis Industrial Museum, the School of Engineering of the University of the Aegean and the Metropolis of Syros	
<b>ESDA3   Thessaloniki, Greece</b>	<b>05.2019</b>
Explorations into Spatial Design and Architecture incorporating Art contribution and Air participation. Creative form production and environmental integration. Principal Investigator: Dr. Stavridou D. Anastasia	
<b>Urban Catalyst   Thessaloniki, Greece</b>	<b>08.2017</b>
The workshop tried to discuss and explore tools, tactics/strategies that can "activate" and initiate new urban situations: recycling and appropriation, repurpose, conversions, temporary use of existing structures, transforming/remodeling/ rebuilding, minimal or radical spatial interventions .Organized by Dimitra Figa, Maltepe University,Irem Falay Mollaahmetoglu, ITU and in collaboration with the Architects Association of Thessaloniki	
<b>INTER OF COURSE   EASA  Fredericia, Denmark</b>	<b>07.2017</b>
Member of the Greek team in the annual European Architecture Students Assembly (EASA) with the theme "hospitality-finding the framework". Participated in a two weeks workshop " <u>Inter of Course</u> ", an interactive installation, designed to provoke people and let them find the limit of their comfort zone. The temporary installation was located in the center of Fredericia, Denmark for 3 months.	
<b>Innovation &amp; Entrepreneurship Seminar   Thessaloniki, Greece</b>	<b>05.2017</b>
Pitched a business plan on an idea and took steps for its implementation. Carried out detailed research for a food delivery app according to customers' preferences and fitness targets. Organized by IEU [Innovation & Entrepreneurship Unit] of AUTH	
<b>Akalyptos SKG   Thessaloniki, Greece</b>	<b>09.2016</b>
Explored inactive open spaces, aiming at their potential reclamation, creative re-use and integration with the citizens' everyday life.. Member of #ThisIsACo-op, <u>Greek Pavilion</u> in 15 <sup>th</sup> International Architecture Exhibition in Venice.	
<b>Fix: A Reconnection with the City   Thessaloniki, Greece</b>	<b>11. 2016</b>
<u>Workshop 6</u> of ECOWEEK in Thessaloniki with Ulf Meyer (Germany) as leader. This project focused on the surrounding area of FIX (26th Oktober Str.). Fix area is an abandoned industrial area that now hosts offices and night clubs. In this project, the aim was to redesign and upgrade the area from a no - place to place and to find the correlations between the nature, the industries and the residence in order to reconnect with the city and become an urban green corridor with multiple functions.	
<b>HOMELESSNESS   Thessaloniki, Greece</b>	<b>11.2015</b>
<u>Workshop 7</u> of ECOWEEK in Thessaloniki with Urban Soul Project (Greece) and Argjira Krasniqi (Kosovo) as leaders	

## VOLUNTEERING

### ECOWEEK NGO

Part of the organizing team and website coordinator for the ECOWEEK's international conferences:

-" <u>A Bio-based approach to the social activity of designing and building urban space.</u> " in Tilburg, the Netherlands	<b>05.2017</b>
-" <u>7 Days of Genius</u> " in Thessaloniki, Greece	<b>03.2017</b>
-" <u>Placemaking in one Planet</u> " in Thessaloniki, Greece	<b>11.2016</b>
Workshop Assistant in the conference "Sustainability in Public Space" in Thessaloniki, Greece	<b>11.2015</b>

### OpenHouse Thessaloniki

**11.2014-15**

Guest Registration and Architectural Tour Guiding in historical building of Porto Palace Hotel, Villa Petridi and Labattoir

## CERTIFICATIONS – SOFTWARE SKILLS

<b>Microsoft Office</b> ECDL Progress Certificate	<b>07.2011</b>
<b>BIM</b> Autodesk Certified Professional: <b>Revit for Architectural Design</b>	<b>11.2020</b>
<b>CAD &amp; 3D</b> Rhinoceros 3D, Autodesk AutoCAD, SketchUp, Unity 3D engine	
<b>Scripting (Beginner)</b> Grasshopper, Ladybug, Python, COMPAS, C#	
<b>Adobe Suite</b> Photoshop, Illustrator, InDesign, After Effects	
<b>Render</b> Vray Next, Twinmotion, Enscape	

## LANGUAGES

<b>Greek</b> native	
<b>English</b> Edexcel C2 proficiency certificate   IELTS: 8/9	<b>05.2011   12.2021</b>
<b>German</b> B1 Goethe Zertifikat	<b>01.2010</b>